



June 26, 2023

Mr. Sam Jackson
Development Manager
Black Mountain Energy Storage
425 Houston Street
Suite 400
Fort Worth, Texas 76102

Re: Phase I Environmental Site Assessment
Sabertooth BESS Tract
Old Prospect Road
Ozark, Missouri 65721

Dear Mr. Jackson:

Trammco Environmental Solutions, LLC (Trammco) is pleased to provide the results of the Phase I Environmental Site Assessment (ESA) performed on the above-referenced property to Black Mountain Energy Storage (BMES). The Phase I ESA was performed following ASTM E 1527-13 and 1527-21 standards and procedures consistent with good commercial or customary practices designed to conform to acceptable industry standards. The independent conclusions represent Trammco's best professional judgment based upon existing conditions and the information and data available to us during the course of this assignment.

Trammco appreciates the opportunity to provide these due diligence services to BMES. If you have any questions concerning this report, or if we can assist you in any other matter, please contact Matthew Trammell at (404) 788-8606 or matt@trammco.com.

Sincerely,

Matthew Trammell

Matthew Trammell
Principal

Phase I Environmental Site Assessment

SABERTOOTH BESS TRACT

Old Prospect Road
Ozark, Missouri 65721

Prepared For:

BLACK MOUNTAIN ENERGY STORAGE

425 Houston Street
Suite 400
Fort Worth, Texas 76102

Prepared By:

TRAMMCO ENVIRONMENTAL SOLUTIONS, LLC

5472 First Coast Highway, Unit 6
Amelia Island, Florida 32034
Tel: (404) 788-8606

Matthew Trammell

Matthew Trammell
Principal

June 26, 2023





PHASE I ENVIRONMENTAL SITE ASSESSMENT

SABERTOOTH BESS TRACT

Old Prospect Road
Ozark, Missouri 65721

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PHASE I ENVIRONMENTAL SITE ASSESSMENT

SABERTOOTH BESS TRACT

Old Prospect Road
Ozark, Missouri 65721

June 26, 2023

Environmental Professional Certification

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR §312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the *all appropriate inquiries* in conformance with the standards and practices set forth in 40 CFR Part 312.

June 26, 2023

Date

Matthew Trammell

Environmental Professional

PHASE I ENVIRONMENTAL SITE ASSESSMENT

SABERTOOTH BESS TRACT

Old Prospect Road
Ozark, Missouri 65721

June 26, 2023

1. EXECUTIVE SUMMARY

Trammco Environmental Solutions, LLC (Trammco) performed a Phase I Environmental Site Assessment (ESA) on behalf of Black Mountain Energy Storage (BMES) on the Sabertooth BESS Tract located along Old Prospect Rd, at 36.9810020, -93.2099000, in Ozark, Missouri (“the subject site”). The subject site is an approximate 34.16 acre tract of pastureland comprised of Christian County Tax Parcel 180102000000005000. The subject site has historically consisted of an unimproved tract used for agricultural purposes. Currently, the subject site is being utilized for livestock grazing. Freshwater ponds observed along the eastern property boundary and in the northwest portion of the subject site were identified as regulated wetlands. The subject site first appeared in its current configuration in the late 1970’s after a freshwater pond was developed in the northwest portion of the subject site. The subject site and surrounding area generally slope toward tributaries of Finley Creek. The subject site sharply slopes to the northeast and the southwest, away from the adjacent substation. A dry gully was observed in the northeast portion of the subject site. Stormwater appears to exit the subject site to the northeast and the southwest via sheet flow across permeable surfaces. Stormwater that enters the gully appears to exit the subject site to the north via channelized flow. The subject site and surrounding properties are depicted on Figures 1 and 2, included in Appendix A of this report.

A residence, predating 1952, is located on the adjoining property to the south. Additional residential development took place to the southwest and southeast of the subject site in the late 1980’s and 1990’s, respectively. The adjoining property to the southwest was developed with a residence in the late 1980’s. A trailer park appears to have operated to the northeast of the subject site in the 1990’s and early 2000’s. An electrical substation was developed along Old Prospect Rd, abutting the subject site to the south, in the late 2000’s. The subject site and surrounding area have remained generally unchanged since the late 2000’s.

Based on observations during the June 7, 2023, site visit, interviews with key personnel, and regulatory database review, the results of the Phase I ESA are summarized in the table below.

Summary Table

Topic	No Further Action	De Minimis	REC, HREC or CREC	Report Section	Comment
Property Location	X			3.1	The subject site is in an area generally comprised of unimproved pastureland. Scattered residential development can be seen in the surrounding area and a commercial substation abuts the subject site.
Topography and Surface Water	X			3.3-3.5	The subject site and surrounding area generally slope toward Finley Creek tributaries. The subject site slopes sharply to the northeast and the southwest. Freshwater ponds were observed in the northwest portion of the subject site and along the eastern property boundary.
Current Use	X			4.1	The subject site consists of unimproved land used for agricultural purposes.
Storage Tanks (USTs & ASTs)	X			4.2.1	
Hazardous Substances and Petroleum Product Storage	X			4.2.2	
Solid Waste, Hazardous Waste, and landfill	X			4.2.4	
Wastewater	X			4.2.5	
Polychlorinated Biphenyls (PCBs)	X			4.2.6	
Water Wells	X			4.2.7	
Stormwater and Surface Drainage	X			4.2.9 & 4.2.14	Stormwater is anticipated to exit the subject site to the northeast and the southwest via sheet flow across permeable surfaces. Stormwater that enters the gully in the northeast portion of the property appears to exit the subject site to the north via channelized flow.

Topic	No Further Action	De Minimis	REC, HREC or CREC	Report Section	Comment
Surface Impoundments	X			4.2.9	
Evidence of On-Site Releases	X			4.2.10 & 4.2.11	
Utilities	X			4.2.12	
Previous Environmental Assessments	X			5.9	A Phase I ESA performed in November 2022 did not identify any environmental concerns.
Surrounding Properties	X			5.10	An electric substation was developed on the adjoining property to the south in the late 2000's.
Regulatory Agency Review	X			6.0	The subject site and surrounding properties were not identified in the EDR database report.
Vapor Intrusion Exposures	X			6.2	

Findings and Opinions

Trammco reviewed historical and current usages of the subject site, no significant data gaps were identified. Trammco was not able to interview the previous owner of the subject site. However, based on tax records, historical topographic maps, historical aerial photographs, historical city directories, and the regulatory databases, the lack of these interviews is not considered a significant threat to the findings of this report. Trammco did not conduct a lien search. According to the User, they are not aware of any liens against the subject site. It is Trammco's opinion that the data gaps would not have provided information that would have changed the conclusions of this report.

Conclusions

No Recognized Environmental Conditions (RECs), HRECs, or CRECs to the subject site were identified during this Phase I ESA.

Recommendations

Based upon the findings of this Phase I ESA, no additional environmental investigations appear to be warranted at this time.

2. INTRODUCTION

Trammco was authorized to proceed with this Phase I ESA by Mr. Sam Jackson. This report is intended for the exclusive use of Black Mountain Energy Storage, “the User” of this report.

2.1. Purpose

The purpose of the ASTM Phase I Practice is to define good commercial and customary practice for conducting environmental site assessments for purposes of CERCLA’s innocent landowner defense. The User’s objectives in commissioning the services include, but are broader than, satisfying the “all appropriate inquiry” requirement of that statutory defense.

This Phase I ESA was intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions (RECs), historical RECs (HRECs), and controlled RECs (CRECs) in connection with the site. As defined by Section 3.2.73 of ASTM E 1527-21, “The term recognized environmental conditions means (1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.”

The term HREC as used throughout this report, is cited from Section 3.2.39 of ASTM E 1527-21. This term is defined as “a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition.”

The term CREC as used in this report, is cited from Section 3.2.17 of ASTM E 1527-21. This term is defined as a “recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation

of required controls (for example, activity and use limitations or other property use limitations).” Controlled contamination on a property could still pose ongoing or future obligations for the owner, such as special precautions during development. Properties that may be present in this category would be those with deed restrictions, vapor barriers, or other engineering controls designed to eliminate or otherwise limit exposure pathways to human and / or environmental receptors.

2.2. Scope of Work

The scope of work for the Phase I ESA includes the following items:

- An on-site inspection of the subject property to evaluate current conditions and identify areas of potential environmental concern;
- A review of property history through interviews, aerial photographs, city directories, and historical mapping;
- Observation of adjacent properties and the local area to evaluate the potential for adverse environmental impact to the subject property;
- Interviews/research of local city/county, tribal, state, and federal records, including contracting of Environmental Data Resources, Inc. (EDR) to identify sites of concern as required in the regulatory records review section of the ASTM standards for a Phase I ESA, where available;
- Interviews with knowledgeable persons regarding the site and/or nearby properties.

Photographs of the site and surrounding areas were taken to document current conditions and are included in Appendix B. Items obtained from the EDR report, which included historical aerial photographs, historical topographical maps, a regulatory records review, Sanborn fire insurance maps, and a city directory search, are presented in Appendices C through G. Property environmental records, reports, or permits, reasonably obtainable during the Phase I ESA, were reviewed and are included in Appendix H. A copy of the Environmental Questionnaire completed by the current owner is presented in Appendix I.

2.3. Auditors

The Trammco Phase I ESA team is comprised of environmental professionals who represent a variety of environmental disciplines. Key environmental professionals involved in this ESA have a combined 30+ years of experience in environmental consulting and engineering, including Phase I and Phase II ESAs.

The site visit was performed on June 5, 2023, by Keith Voges under the supervision of Matt Trammell. This report was completed by Pierce Milligan in coordination with Mr. Trammell and Mr. Voges. Mr. Trammell meets the definition of Environmental Professional as defined in § 312.10 part of 40 CFR 312. He has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject site.

2.4. Limitations

The scope of services for this ESA and the performance of the professional services rendered were in general accordance with the current industry practices, as conducted by similarly qualified practitioners. The scope of work included the general provisions of the ASTM E 1527-13 and 1527-21 Standards, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

The Phase I assessment was limited to visual observation of surface conditions at the site and a review of reasonably ascertainable data. Portions of the subject site are densely covered in trees and overgrown native vegetation therefore the ground surface could not be directly observed in these areas. For the purposes of this ESA, reasonably ascertainable data are defined as a regulatory database, historical aeriels, and topographic maps that could be readily obtained through a commercial source, information provided by representatives of the site, and interview information that could be reasonably obtained from individuals familiar with the site and its history. The information obtained was not further verified, unless the information was known to be incorrect or conflicted with other information that was obtained. In addition, unidentified facilities, which are required to comply with environmental regulations, may be present within the search distance but were not documented in regulatory agency records. Trammco does not guarantee the completeness or accuracy of the regulatory agency database records.

The Phase I ESA was intended to reduce, but not eliminate, uncertainty regarding the potential for various RECs in connection with the site. In addition, this assessment did not include a regulatory compliance evaluation, including local, state, and federal permitting and reporting requirements. State and federal regulations are subject to change. Certain inspections, such as, but not limited

to, those listed below, are not within this scope of work.

- Regulatory compliance
- Health and safety, and industrial hygiene
- Asbestos-containing building materials and lead-based paint
- Radon and other naturally occurring radioactive materials
- Indoor air quality
- Drinking water quality, including lead in drinking water
- Health effects of electromagnetic radiation from high-voltage power lines
- Naturally occurring toxins in the subsurface soils, rocks, water, or toxicity of on-site flora
- Biological hazards
- Floodplain areas, and geological faults
- Ecological resources
- Cultural and historical resources
- Subsurface contamination

2.5. Phase I ESA Component Viability Dates

Section 4.6 of the ASTM E 1527-13 and 1527-21 states that the following components of the Phase I ESA are considered viable when completed within 180 days of an acquisition/transaction. Relevant viability dates for various components of this Phase I ESA are as follows:

- The current owner was interviewed as part of this Phase I ESA. The interview questions were answered by the owner to the best of their ability on June 2, 2023.
- A regulatory database report was obtained from EDR on June 13, 2023.
- A site visit was conducted on June 7, 2023.
- A declaration by the Environmental Professional dated June 26, 2023, is included in this report.

2.6. Special Conditions and Assumptions

No special conditions were encountered during this Phase I ESA.

The following assumptions are made by Trammco in the preparation of this report. Trammco relied on information derived from secondary sources such as government agencies, the User, designated representatives of the User, property contact, property owner, property owner representatives, computer databases, and personal interviews. Except as set forth in this report, Trammco has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources such as government agencies, the User, designated representatives of the User, property contact, property owner, property owner representatives, computer databases, or personal interviews and has assumed that such information is accurate and complete. Trammco assumes information provided by or obtained from governmental agencies, including information obtained from government websites, is accurate and complete. Groundwater flow, unless otherwise specified by on-site well data, is assumed based on contours depicted on the United States Geological Survey (USGS) topographic maps. Trammco assumes the property has been correctly and accurately identified by the User, designated representative of the User, property contact, property owner, and property owner's representatives.

2.7. Reliance

This report has been prepared solely for use by the User (Black Mountain Energy Storage). This report should not be relied upon by any other parties without written authorization and signed agreement from Trammco.

2.8. Data Gaps

During the completion of this Phase I ESA, not all of the information specified in ASTM E 1527-13 and 1527-21 was available to be viewed or obtained. Therefore, the following items were identified as data gaps:

Data Gap	Sources Consulted to Address Data Gap	Significance
Lien Search	Tax records, interview with current owner	Low
Interviews with past owners	Tax records, historical topographic maps, aerial photos, City Directories, and regulatory database	Low

It is Trammco’s opinion that the data gaps listed in the table above would not have provided information that would have changed the conclusions of this report.

3. SITE SETTING

This section of the report includes a general description of the subject site and a discussion of physical and environmental characteristics of the subject site and surrounding area. The environmental setting is generally comprised of the subject site location, topographic setting, surface water features, geology, and hydrogeology in the vicinity of the subject site.

3.1. Location & Physical Setting

The subject site is located along the north side of Old Prospect Rd, at 36.9810020, -93.2099000, in Ozark, Christian County, Missouri, and totals approximately 34.16 acres. The subject site is located approximately 0.26 miles to the west of the Old Prospect Rd and Elk Valley Rd intersection. The subject site has historically consisted of an unimproved tract used for agricultural purposes. Currently, the subject site is utilized for livestock grazing. The immediate surrounding properties include undeveloped land to the north, east, and west and an electric substation to the south. The subject site and surrounding properties are depicted on Figures 1 and 2, included in Appendix A of this report.

3.2. Current Surrounding Land Use

Land use in the area of the subject site is comprised of residential, commercial, and undeveloped properties. The abutting properties and nearby land use include:

North:	Undeveloped pastureland
East:	Undeveloped pastureland followed by residences
South:	Old Prospect Rd and electric substation followed by undeveloped pastureland and a residence
West:	Undeveloped land and residential property

Based on Trammco's observations, the nearest residential property appears to abut the subject site to the southwest.

3.3. Surface Soils and Geologic Conditions

The subject site is an unimproved tract used for agricultural purposes. According to the Physical Setting Summary provided by EDR, the site is located within an area where the surface soils are classified as Goss, a gravelly silt loam that has moderate infiltration rates and is well drained. The uncoated steel corrosion potential for Goss soils is listed as moderate. According to the EDR report, the subject site and surrounding area is geographically underlain by Osagean and Kinderhookian Series, a Mississippian rock formation of the Paleozoic era.

3.4. Hydrogeological Conditions

Previous hydrogeological studies were not reviewed as part of this ESA.

3.5. Topography and Drainage

Based on site observations and on a review of the 2017 United States Geological Survey (USGS) Selmore and Ozark 7.5-minute Topographic Maps, the subject site and surrounding area sharply slope towards tributaries of Finley Creek. The subject site sharply slopes to the northeast and the southwest, away from the adjacent substation. The elevation at the subject site is listed at approximately 1,260 feet above sea level. No drainage features were observed on the subject site. A gully was observed in the northeast portion of the subject site. Stormwater generally appears to exit the subject site to the northeast and the southwest via sheet flow across permeable surfaces. Stormwater that enters the gully appears to exit the subject site to the north via channelized flow. No stormwater was observed during the site visit.

3.6. Flood Plain Map

Flood plains identified on flood insurance and/or land planning maps are areas determined to have a potential for flooding over an extended duration. These maps are generally produced by the U.S. Federal Emergency Management Agency (FEMA) and are used for both flood insurance rating and flood plain management purposes. Since hydrologists have no means of accurately predicting floods, these flood plain areas are identified using the highest stream gauge measurement or highest predicted stream elevation along with other site and area-related engineering factors that affect flood waters reviewed.

According to the EDR report, the subject site is located in FEMA Flood Plain Panel 29043C0230C however the subject site is not located in a Special Flood Hazard Area.

3.7. Wetlands

Wetlands, according to the Corps of Engineers Wetland Delineation Manual (1987), are defined as those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, under normal circumstances, vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas. National Wetlands Inventory (NWI) maps are produced by the United States Department of the Interior from stereoscopic analysis of aerial photographs.

Trammco reviewed USGS Topographic and National Wetlands Inventory maps for the subject site. Based on information reviewed, the two ponds observed on the subject site are regulated wetlands.

4. SITE & OPERATIONS INFORMATION

On June 7, 2023, Trammco conducted a site assessment by walking the subject site and observing the surrounding properties.

A visual inspection of the site conditions, the current site use, and potential chemical and waste and management activities was performed. The site was inspected for the presence of ASTs and potential indications of past or present USTs. A general evaluation of the site drainage was conducted as well. Other site features included in the assessment were potential polychlorinated biphenyls (PCB)-containing materials, railroads, water and oil/gas wells, pipelines, and utilities. The site reconnaissance was performed to identify apparent indications of past or present activities that could have potentially impacted the subject site and to determine if the potential impact could potentially result in vapor intrusion exposure concerns. Photographs documenting conditions of the site during the site reconnaissance are included in Appendix B. A general description of the overall findings is included in the table below.

Property Improvement Summary	
Size of Property (approximate)	34.16 acres
General Topography of Property	Sharply slopes to the northeast and the southwest
Adjoining and/or Access/Egress Roads	Old Prospect Rd adjoining to the south
Paved or Concrete Areas (including parking)	N/A
Unimproved Areas	Subject site is unimproved pastureland
Landscaped Areas	N/A
Surface Water	Two freshwater ponds were observed on the subject site: in the northwest portion of the property and along the eastern property boundary.
Potable Water Source	N/A
Sanitary Sewer Utility	N/A
Storm Sewer Utility	N/A

Property Improvement Summary	
Electrical Utility	N/A
Natural Gas Utility	N/A
Current Occupancy Status	N/A
Number of Buildings	None
General Building Description	N/A
Number of Floors	N/A
Total Square Feet of Space (approximate)	N/A
Construction Completion Date (year)	N/A

4.1. Current Site Description

The approximate 34.16-acre subject site is an unimproved tract of land that is located along the north side of Old Prospect Rd, at 36.9810020, -93.2099000, in Ozark, Missouri. The subject site has historically been utilized in agricultural operations. The subject site has historically consisted of unimproved pastureland and is currently utilized for livestock grazing. Freshwater ponds, identified as regulated wetlands, were observed along the eastern property boundary and in the northwest portion of the subject site. Cattle pens overgrown with native vegetation are located in the eastern portion of the subject site. The subject site sharply slopes to the northeast and the southwest, away from the adjacent substation. The gully observed in the northeast portion of the subject site was dry. The subject site and surrounding properties are depicted on the following figures included in Appendix A:

- Figure 1. Site Location Map
- Figure 2. Site Aerial Photograph

4.2. Current Site Use

The subject site consists of unimproved pastureland that is currently used for livestock grazing.

4.2.1. Storage Tanks

No active storage tanks were observed at the subject site during the site visit.

4.2.2. Hazardous and Petroleum Products Containers/Drums

No hazardous or petroleum containers were observed during the site visit.

4.2.3. Heating and Cooling

No heating or cooling units were observed during the site visit.

4.2.4. Hazardous & Nonhazardous Waste Management

No hazardous or nonhazardous waste is currently stored and/or generated at the subject site.

4.2.5. Sewage Disposal/Septic Tanks

No sewage disposal, septic tanks, or drain fields were observed during the site visit.

4.2.6. Polychlorinated Biphenyl-Containing Electrical Equipment

No PCB-containing equipment was observed during the site visit.

4.2.7. Water Supply and Wells

No water supply wells were observed during the site visit.

4.2.8. Drains and Sumps

No drains or sumps were observed at the subject site during the site visit.

4.2.9. Pits, Ponds, Lagoons, and Surface Waters

No pits or lagoons were observed on the subject site. Freshwater ponds were observed in the northwest portion of the subject site and along the eastern property boundary. A dry gully was observed in the northeast portion of the subject site.

4.2.10. Stained Soils/Stressed Vegetation

No staining or stressed vegetation was observed on the subject site.

4.2.11. Odors

No odors were observed at the subject site.

4.2.12. Utilities

The following utilities are currently provided to the subject site:

Water: N/A

Sewer: N/A

Stormwater: N/A

Electricity: N/A

Natural Gas: N/A

4.2.13. Chemical Use

No chemical use was observed during the site visit.

4.2.14. Wastewater & Stormwater

Stormwater is anticipated to exit the subject site to the northeast and the southwest via sheet flow across permeable surfaces. Stormwater is also anticipated to enter the gully in the northeast portion of the property and exit the subject site via channelized flow to the north. No wastewater is generated by current operations at the subject site. No stormwater or wastewater issues were observed.

4.2.15. Asbestos

An asbestos survey was not included with this ESA.

4.2.16. Radon

A radon assessment was not included with this ESA.

4.2.17. Lead-based Paint

A lead-based paint assessment was not included in this ESA.

4.2.18. Air and Emission Sources

No air emissions sources were identified on the subject site during the site visit.

5. ASSESSMENT OF PAST LAND USE & OPERATION

5.1. Past Property Use

The past use of the subject site was assessed from a review of standard historical sources and other secondary sources as defined in the annotated ASTM E 1527-13 and 1527-21 Standards. The historical sources consulted during the completion of this report included historical aerial photographs and topographic maps, Sanborn maps (where available), city directories, the regulatory database, and interviews with knowledgeable parties.

5.2. Aerial Photographs

Aerial photographs were reviewed for land use that may have had a detrimental effect on the subject site. Trammco contracted EDR to provide historical aerial photographs of the subject site and surrounding properties. The following aerial photographs were provided by EDR and are included in Appendix C.

Date: 1952
Scale: 1" = 500'

Description: The subject site and surrounding area are vastly undeveloped land that appears to be used for agricultural purposes. The freshwater pond along the eastern property boundary can be seen on the subject site. The gully in the northeast portion of the subject site is visible. Buildings can be seen to the north and south of the subject site.

Date: 1955
Scale: 1" = 500'

Description: The subject site and surrounding area appear generally unchanged.

Date: 1968
Scale: 1" = 500'

Description: The subject site appears generally unchanged. The agricultural building to the north of the subject site has been removed.

Date: 1979
Scale: 1" = 500'

Description: The freshwater pond can now be seen in the northwest portion of the subject site. The subject site generally appears in its current configuration. An agricultural building has been developed to the northeast of the subject site.

Date: 1983
Scale: 1" = 500'

Description: The subject site and surrounding area appear generally unchanged.

Date: 1990
Scale: 1" = 500'

Description: The subject site appears generally unchanged. Residential development can be seen to the southwest of the subject site, including the adjacent property.

Date: 1996
Scale: 1" = 500'

Description: The subject site appears generally unchanged. Residential development can be seen to the southeast of the subject site.

Date: 2006
Scale: 1" = 500'

Description: The subject site and surrounding area appear generally unchanged.

Date: 2009
Scale: 1" = 500'

Description: The subject site appears generally unchanged. An electrical substation has been developed adjoining the subject site to the south.

Date: 2012
Scale: 1" = 500'

Description: The subject site and surrounding area appear generally unchanged.

Date: 2016
Scale: 1" = 500'

Description: The subject site and surrounding area appear generally unchanged.

Aerial Photograph Summary

The subject site appears to have always consisted of unimproved land utilized for agricultural activities. The subject site first appeared in its current configuration in the late 1970's after a freshwater pond was developed in the northwest portion of the subject site. A residence predating the 1952 aerial photograph was observed on the adjoining property to the south. Additional residential development took place to the southwest and southeast of the subject site in the late 1980's and 1990's, respectively. The adjoining property to the southwest was developed with a residence in the late 1980's. A trailer park appears to have operated to the northeast of the subject site in the 1990's and early 2000's. An electrical substation was developed along Old Prospect Rd, abutting the subject site to the south, in the late 2000's. The subject site and surrounding area have remained generally unchanged since the late 2000's.

5.3. Historical Topographic Maps

Historical topographic maps dated 1955, 1975, 2004, 2015, and 2017 were reviewed for land use that may have impacted the subject site. The topographic maps appear to be generally consistent with the aerial photographs of the subject site and the surrounding properties. No additional environmental concerns were identified from the review of the available historical topographic maps.

5.4. Sanborn Fire Insurance Maps

Fire insurance maps were first prepared dating back to the late nineteenth century. The Sanborn Company prepared these maps for use by fire insurance companies. Sanborn maps described construction materials in detail and with the advent of retail gasoline service stations, noted the locations of aboveground and underground gasoline storage tanks. Sanborn maps were not available for the subject site.

5.5. City Directories

City Directories, which list property tenants by street address, are typically reviewed to identify past occupants of the subject site and surrounding properties. EDR was contracted by Trammco to obtain available City Directories for the subject site and surrounding properties.

City Directories from 2000 to 2017 were reviewed by Trammco for the subject site and the surrounding properties. The subject site was not identified in the City Directories. All City Directory listings appear to be associated with residential properties other than a church. No RECs were identified in the City Directories.

5.6. Deed Research & Environmental Liens

A chain-of-title is reviewed to aid in establishing historical ownership of a site and to identify on-site business activities that may indicate a type of REC. A chain-of-title search for the site was not requested by the User.

An environmental lien search is conducted to aid in identifying whether the site has been assigned an environmental clean-up lien, or other activity and use limitation, such as engineering controls or institutional controls. A detailed lien search was not requested by the User.

Trammco researched the Christian County Tax Assessor website for information regarding the subject site. According to the website, the subject site is comprised of Christian County Tax Parcel 18010200000005000 and is currently owned by Natural Bridge LLC. A summary of the information from the tax assessor's website is included in Appendix J of this report.

5.7. Interviews and Contacts

Trammco attempted to interview knowledgeable parties to gain further information on the subject site and surrounding area.

5.7.1. Interviews with Owner/Property Manager

Trammco interviewed the landowner, Mr. Stu Stengar, on June 2, 2023. Mr. Stengar verbally provided information concerning historical and current on-site operations at the subject site. Mr. Stengar was not aware of any environmental related issues on the subject site or the surrounding properties. He indicated the subject site has historically been used in agricultural operations and is currently leased to a cattle farmer. Mr. Stengar stated that no changes have taken place at the subject site since the November 2022 Phase I ESA. His verbal responses were written into the sellers Environmental Questionnaire by Trammco personnel which is summarized below and included in Appendix I.

5.7.2. Interviews with Surrounding Properties

Interviews with representatives at surrounding properties were not conducted. Trammco does not believe that these interviews would have altered the conclusions of this assessment.

5.7.3. Interviews with Local Agencies

Interviews with local agencies were not conducted. Trammco does not believe that these interviews would have altered the conclusions of this assessment.

5.7.4. Interview with State Agencies

Trammco performed a records review of available documents for the subject site provided by the MO DNR online portal. All documents and records obtained from online portal are included in Appendix H of this report.

5.8. User Provided Information

The table below provides a summary of the information provided to Trammco by the User.

USER PROVIDED INFORMATION	
Data Type	Information Provided
Environmental Liens; Activity and Land Use Limitations (AUL); and Title Records	No environmental liens or AULs
Specialized User Knowledge	None provided
Commonly Known or Reasonably Ascertainable Information	None provided
Valuation Reduction for Environmental Issues	No
Reason for Performing Phase I ESA	Pre-purchase due diligence
Other User Provided Information	Phase I ESA dated November 14, 2022

5.9. Prior Environmental Studies and File Review

A Phase I ESA was previously performed at the subject site by Trammco in November 2022. No RECs were identified therefore no additional investigations were recommended. The November 2022 Phase I ESA is included in Appendix H of this report.

5.10. Past Surrounding Land Use

In accordance with the ASTM E 1527-13 and 1527-21 Standards, the history of adjacent properties was assessed via a combined review of aerial photographs, topographic maps, city directories, and interviews. The information reviewed indicated that the subject site has always been unimproved land utilized for agricultural activities. The subject site first appeared in its current configuration in the late 1970's after a freshwater pond was developed in the northwest portion of the subject site.

A residence, predating 1952, is located on the adjoining property to the south. Additional residential development took place to the southwest and southeast of the subject site in the late 1980's and 1990's, respectively. The adjoining property to the southwest was developed with a residence in the late 1980's. A trailer park appears to have operated to the northeast of the subject site in the 1990's and early 2000's. An electrical substation was developed along Old Prospect Rd, abutting the subject site to the south, in the late 2000's. The subject site and surrounding area have remained generally unchanged since the late 2000's.

5.11. Fair Market Value & Specialized Knowledge

According to the current owner, the valuation of the subject site has not been reduced due to potential environmental issues. Furthermore, the current owner does not have any specialized knowledge regarding potential environmental issues at the subject site.

6. DATABASE & GOVERNMENTAL RECORDS REVIEW

Regulatory databases were reviewed to obtain information to satisfy the ASTM E 1527-13 and 1527-21 Standards, and which might indicate the presence of hazardous and/or toxic materials at the subject site or surrounding properties. Trammco contracted with EDR to assist with the acquisition of environmental records. The database report is included in Appendix E.

6.1. Federal and State Regulatory Agency Inquiries

A summary of the regulatory database information is provided in the table below. Each of these regulatory databases, as specified by ASTM, is further described following the table. The subject site was not identified in the EDR Regulatory Database Report.

Database	Radius	Sites Identified
National Priorities List (NPL)	1 Mile	0
Delisted NPL	½ Mile	0
CERCLIS Sites (SEMS)	½ Mile	0
CERCLIS No Further Remedial Action Planned (NFRAP) Sites, SEMS	½ Mile	0
RCRA Corrective Action Treatment Storage and Disposal (TSD) facilities (CORRACTS)	1 Mile	0
RCRA Non-CORRACTS TSD Facilities	½ Mile	0
RCRA Generators and Non-Generators	Subject and Adjoining	0
Federal institutional controls / engineering controls	Subject Site	0
Emergency Response Notification System (ERNS)	Subject Site	0
State Hazardous Waste Site (SHWS)	1 Mile	0
Solid Waste Facility	½ Mile	0
Leaking Storage Tanks (LPST)	½ Mile	0
Registered Storage Tanks (UST/AST)	Subject and Adjoining	0
State institutional controls / engineering controls	Subject Site	0
State Voluntary Cleanup (VCP)	½ Mile	0
US Brownfields	½ Mile	0

6.1.1. RCRA TSD Facilities / Waste Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Non-Generators do not presently generate or handle hazardous waste but have in the past. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste. RCRA-CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows The ASTM required search radius for non-corrective action TSDFs encompasses a 1/2-mile radius.

- The EDR search did not identify any CORRACTS, RCRA Generator, or RCRA Non-Generator facilities within the ASTM search radius.

6.1.2. LPST: Leaking Petroleum Storage Tanks and UST/AST Facilities

The leaking petroleum storage tanks (LPST) database, maintained by TCEQ, contains an inventory of reported leaking underground storage tank (UST) and aboveground storage tank (AST) incidents. The ASTM requires a search area for the LPST sites to encompass a 1/2-mile radius of the subject site.

- The EDR database report did not identify any LPST facilities within the 1/2 mile ASTM required search radius.
- The EDR search did not identify the subject site or adjoining properties as a UST or AST facility.

6.1.3. US Brownfields

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment.

- No Brownfields were identified within a 1-mile search radius of the subject site.

6.1.4. Additional Environmental Record Sources

The EDR search also queries several non-ASTM databases as described in the EDR database report.

- The EDR search did not identify any non-ASTM facilities of concern.

6.1.5. Unmappable Sites

The EDR Report also includes USEPA records of unmappable sites which cannot be located due to a lack of sufficient information to correctly identify the sites. The EDR Report is designed to search these records for misidentified or incorrectly catalogued sites in the area specified. The locations of some sites are difficult, if not impossible to plot due to insufficient physical street address information, etc. These sites are reported as “unmappable” because their exact location cannot be determined.

- No unmappable sites were identified in the EDR Report.

6.2. Per- and Polyfluoroalkyl Substances (PFAs)

Following the lead of the proposed ASTM 1527 Standard updates, Truist guidelines require that the Phase I ESA Report include a discussion of per- and polyfluoroalkyl substances (PFAs) as a non-scope item. Trammco has evaluated the current and historical uses of the subject site with respect to the likelihood that these compounds were used on the property or surrounding properties, and whether these compounds are suspected to have resulted in impacts to the Site property. The results of Trammco's evaluation will not constitute a REC, nor be followed by recommendations until such time these chemicals become designated by the EPA as a hazardous substance. Trammco's analysis will be used to communicate potential future risk within Truist. In general, PFAs are a family of synthetic compounds containing thousands of chemicals used in a wide variety of industrial and commercial products such as textiles, leather, aqueous film forming foams (AFFF), metal finishing, semiconductors, paper and food packaging, coating additives, photo lithography, cleaning products, and pesticides. PFAs are persistent in the environment and are resistant to typical environmental degradation processes. As a result, they are widely distributed and are found in soil, sediments, groundwater, air, and tissue across the United States. According to the US EPA, certain PFAs can bioaccumulate in the human body, and there is evidence that exposure to PFAs can lead to adverse health outcomes.

In conclusion, the subject site has historically consisted of agricultural operations. Based on the historical and current usage of the subject site, it is not likely that the historical usage of compounds that typically contain PFAs may have resulted in an environmental release of these substances.

6.3. Vapor Migration

The EDR Vapor Encroachment Screen is included in Appendix K of this report. The subject site and adjoining properties were not listed on the Vapor Encroachment Screen therefore are not considered RECs to the subject site with regard to vapor intrusion.

6.4. Additional Environmental Sources

The ASTM E 1527-13 and 1527-21 Standards provide for review and analysis of additional environmental record sources during the performance of a Phase I ESA at the discretion of the environmental professional. Relevant factors in evaluating whether additional environmental records sources should be reviewed include, but are not limited to:

- The completeness of data provided by standard environmental record sources.
- Whether additional environmental records sources are reasonably ascertainable.
- Whether additional environmental record sources are useful, accurate, and complete in light of the records review objectives.
- Whether additional environmental record sources are customarily obtained pursuant to the type of commercial real estate transaction involved.

No additional environmental source information was reviewed.

7. CONCLUSIONS & RECOMMENDATIONS

Findings and Opinions

Trammco reviewed historical and current usages of the subject site, no significant data gaps were identified. Trammco was not able to interview the previous owner of the subject site. However, based on tax records, historical topographic maps, historical aerial photographs, historical city directories, and the regulatory databases, the lack of these interviews is not considered a significant threat to the findings of this report. Trammco did not conduct a lien search. According to the User, they are not aware of any liens against the subject site. It is Trammco's opinion that the data gaps would not have provided information that would have changed the conclusions of this report.

Conclusions

No Recognized Environmental Conditions (RECs), HRECs, or CRECs to the subject site were identified during this Phase I ESA.

Recommendations

Based upon the findings of this Phase I ESA, no additional environmental investigations appear to be warranted at this time.

8. QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Qualifications of the environmental professionals involved in the preparation of this report are included in Appendix L.

9. REFERENCES

Environmental Database Reports (EDR) – Inquiry Number 7363253.62s dated June 13, 2023

www.epa.gov

www.fema.gov

www.fwc.gov

www.fws.gov/wetlands/

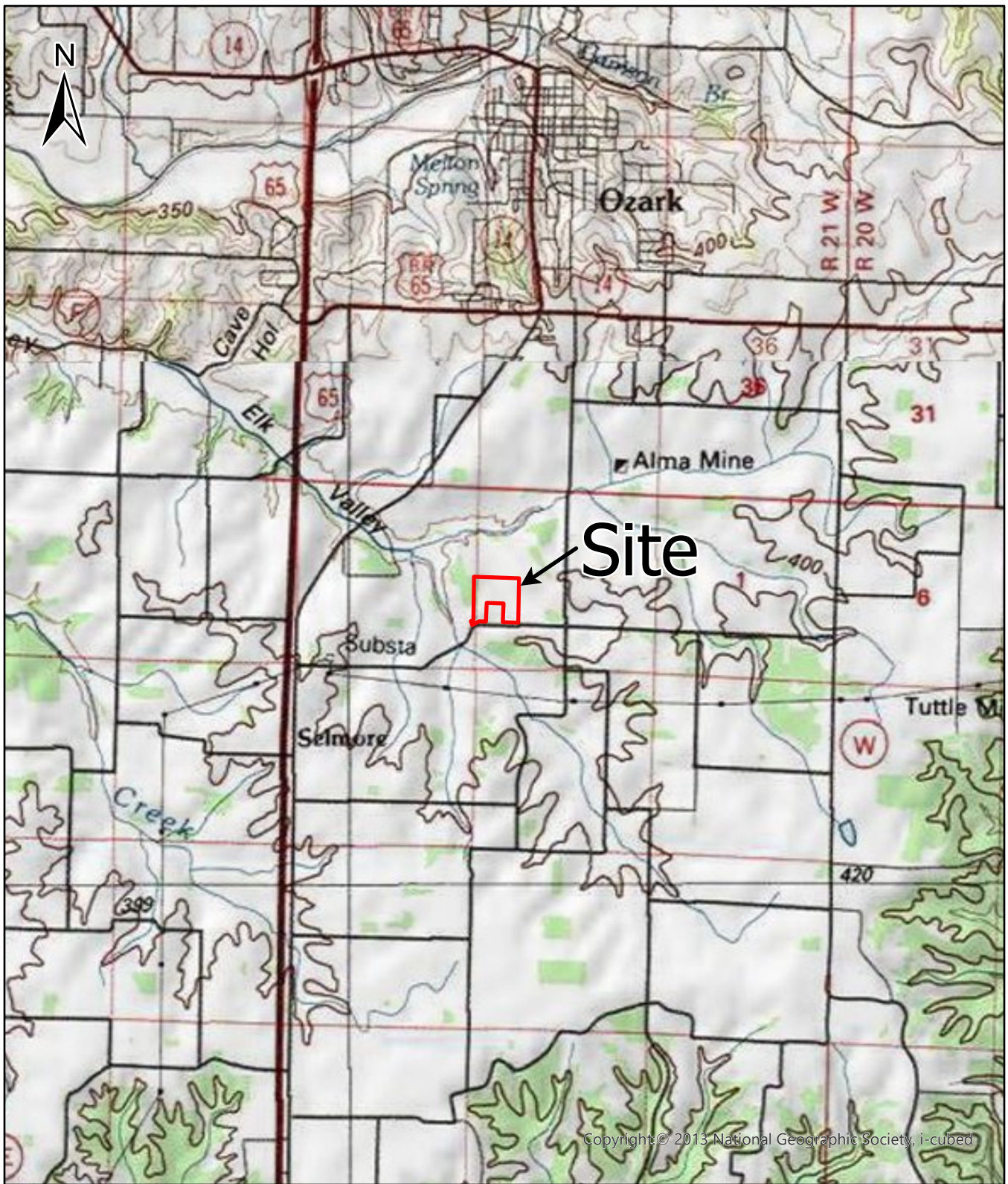
10. ACRONYMS

ACM	asbestos-containing material
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
bgs	below ground surface
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended, 42 USC § 9601 et seq.)
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System (maintained by EPA)
CFR	Code of Federal Regulations
CORRACTS	facilities subject to Corrective Action under RCRA
EA	environmental assessment
ECRA	Environmental Cleanup Responsibility Act
EDR	Environmental Data Resources, Inc.
EPCRA	Emergency Planning and Community Right to Know Act ((also known as SARA Title III), 42 USC § 11001 et seq.)
ERATS	Emergency Response Notification System
FOIA	United States Freedom of Information Act (5 USC § 552 et seq.)
HREC	historical recognized environmental condition
ISRA	Industrial Site Recovery Act
LBP	lead-based paint
LRS	leaking registered storage tank
LUST	leaking underground storage tank
MSDS	material safety data sheet
NCP	National Contingency Plan
NFRAP	former CERCLIS sites where no further remedial action is planned under CERCLA
NPDES	national pollutant discharge elimination system
NPL	National Priorities List
NVLAP	National Voluntary Laboratory Accreditation Program

OSHA	Occupational Safety and Health Administration
PA CM	presumed asbestos-containing material
PCBs	polychlorinated biphenyls
PLM	polarized light microscopy
PRP	potentially responsible party (pursuant to CERCLA 42 USC § 9607(a))
RCRA	Resource Conservation and Recovery Act (as amended, 42 USC § 6901 et seq.)
RCRIS	Resource Conservation and Recovery Act Information System
ROC	record of communication
RST	registered storage tank
SACM	suspect asbestos-containing material
SARA	Superfund Amendments and Reauthorization Act of 1986 (amendment to CERCLA)
SIC	Standard Industrial Classification
TEM	transmission electron microscopy
TSDF	hazardous waste treatment, storage or disposal facility
USC	United States Code
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	underground storage tank

APPENDIX A

Figures



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0 0.5 1 Miles

Property Boundary

Figure 1
Site Location Map



Sabertooth BESS Tract
Old Prospect Road
Ozark, Missouri 65721



0 250 500 Feet

 Property Boundary

Figure 2
Site Aerial Photograph



Sabertooth BESS Tract
Old Prospect Road
Ozark, Missouri 65721

APPENDIX B
Photographic Log



Photograph: 1 | *View of southeastern portion of the subject site facing east.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 2 | *View of the electrical substation located adjacent to the subject site on the south.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 3 | *View of the southern portion of the subject site including the electrical substation facing west.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 4 | *View of the southeastern portion of the subject site facing east.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 5 | *View of the southeastern portion of the subject site facing west.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 6 | *View of the middle of the subject site facing northwest.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 7 | *View of the adjacent property to the east of the subject site with views of the feeders facing northeast.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 8 | *View of the cattle shoot and holding area located on the eastern portion of the subject site near the retention pond.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 9 | *The retention pond found on the eastern portion of the subject site.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 10 | *View of the northern middle portion of the subject site facing southwest.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 11 | *View of the creek that runs on the northeastern portion of the subject site.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 12 | *View of the northern portion of the subject site facing west.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 13 | *View of the creek on the western portion of the subject site facing north.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 14 | *View of the creek on the western portion of the subject site facing south.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 15 | *View of the western portion of the subject site facing south.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 16 | *View of the wooded area adjacent to the west of the subject site.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 17 | *View of the fenced area in the middle of the subject site facing southwest including the electrical substation.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 18 | *View of the pond to the middle west on the subject site.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 19 | *View of the electrical substation adjacent to the subject site to the south.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 20 | *View of the southwestern portion of the subject site facing northeast.*

Black Mountain Energy Storage



*Sabertooth BESS Tract
Ozark, Missouri*



Photograph: 21 | *View of the southwestern portion of the subject site facing east.*

<i>Black Mountain Energy Storage</i>		<i>Sabertooth BESS Tract Ozark, Missouri</i>
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Photograph: 22 | *View of the adjacent residential property found to the southwest of the subject site.*

<i>Black Mountain Energy Storage</i>		<i>Sabertooth BESS Tract Ozark, Missouri</i>
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APPENDIX C

Aerial Photographs



Ozark South BESS Tract

Old Prospect Road

Ozark, MO 65721

Inquiry Number: 7137674.18

October 06, 2022

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

10/06/22

Site Name:

Ozark South BESS Tract
Old Prospect Road
Ozark, MO 65721
EDR Inquiry # 7137674.18

Client Name:

Trammco Environmental Solutions LLC
Po Box 16478
FERNANDINA BEACH, FL 32035
Contact: Pierce Milligan



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1996	1"=500'	Acquisition Date: April 01, 1996	USGS/DOQQ
1990	1"=500'	Flight Date: February 11, 1990	USGS
1983	1"=500'	Flight Date: March 01, 1983	USDA
1979	1"=500'	Flight Date: September 16, 1979	USDA
1968	1"=500'	Flight Date: February 05, 1968	USGS
1955	1"=500'	Flight Date: December 31, 1955	USGS
1952	1"=500'	Flight Date: February 07, 1952	USGS

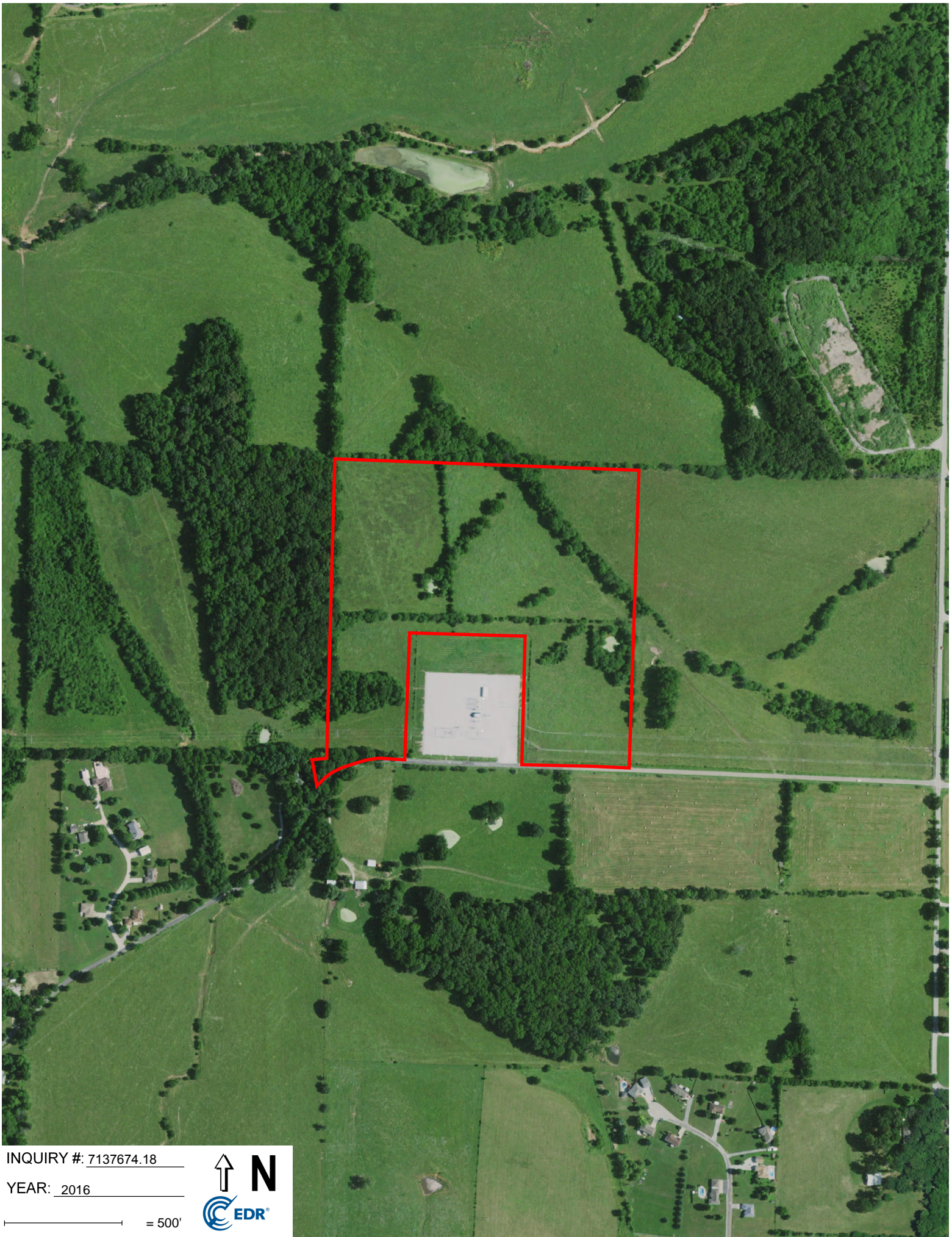
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INQUIRY #: 7137674.18

YEAR: 2016

— = 500'



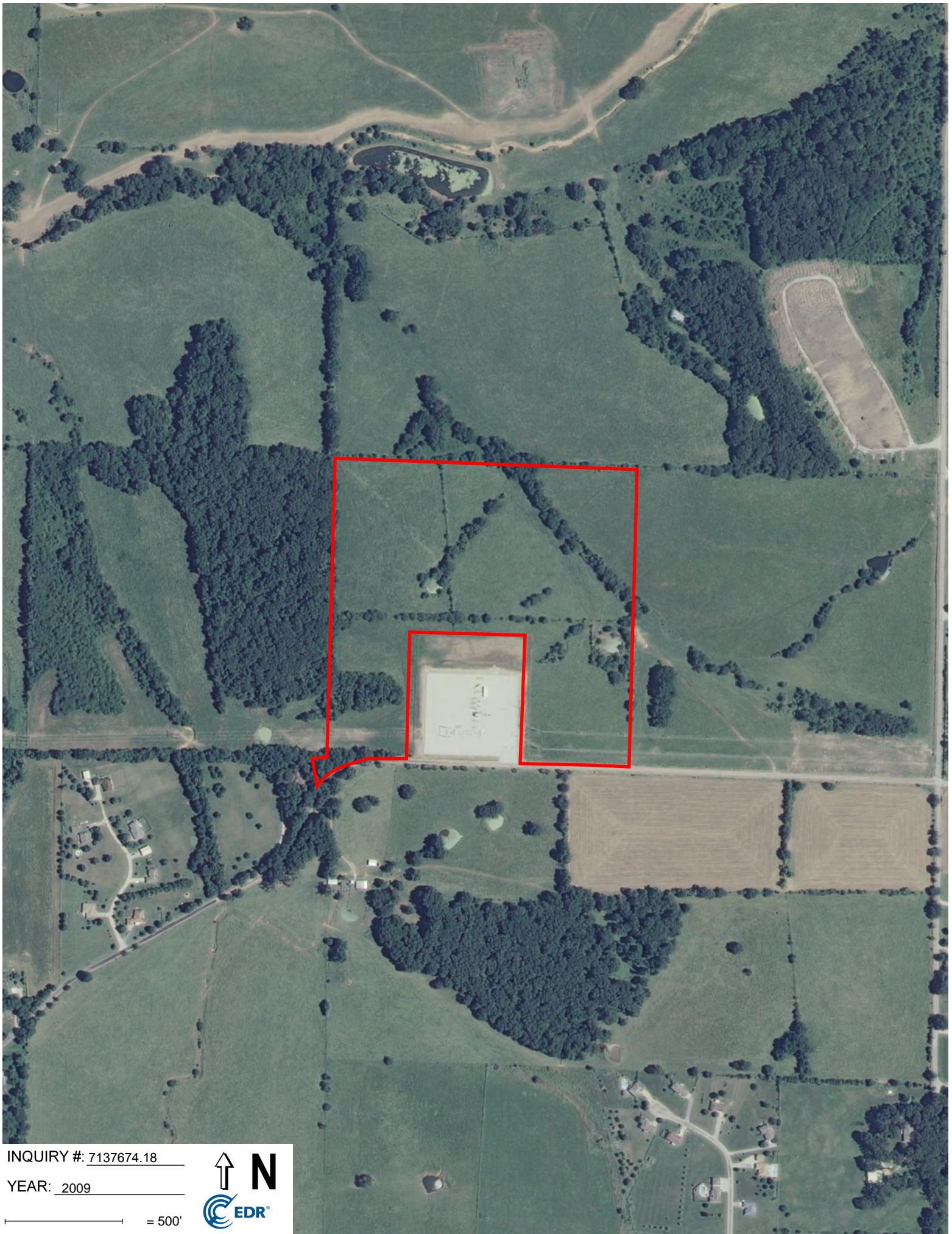


INQUIRY #: 7137674.18

YEAR: 2012

— = 500'





INQUIRY #: 7137674.18

YEAR: 2009

— = 500'





INQUIRY #: 7137674.18

YEAR: 2006

— = 500'





INQUIRY #: 7137674.18

YEAR: 1996

— = 500'





INQUIRY #: 7137674.18

YEAR: 1990

— = 500'





INQUIRY #: 7137674.18

YEAR: 1983

— = 500'





INQUIRY #: 7137674.18

YEAR: 1979

— = 500'





INQUIRY #: 7137674.18

YEAR: 1968

— = 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.

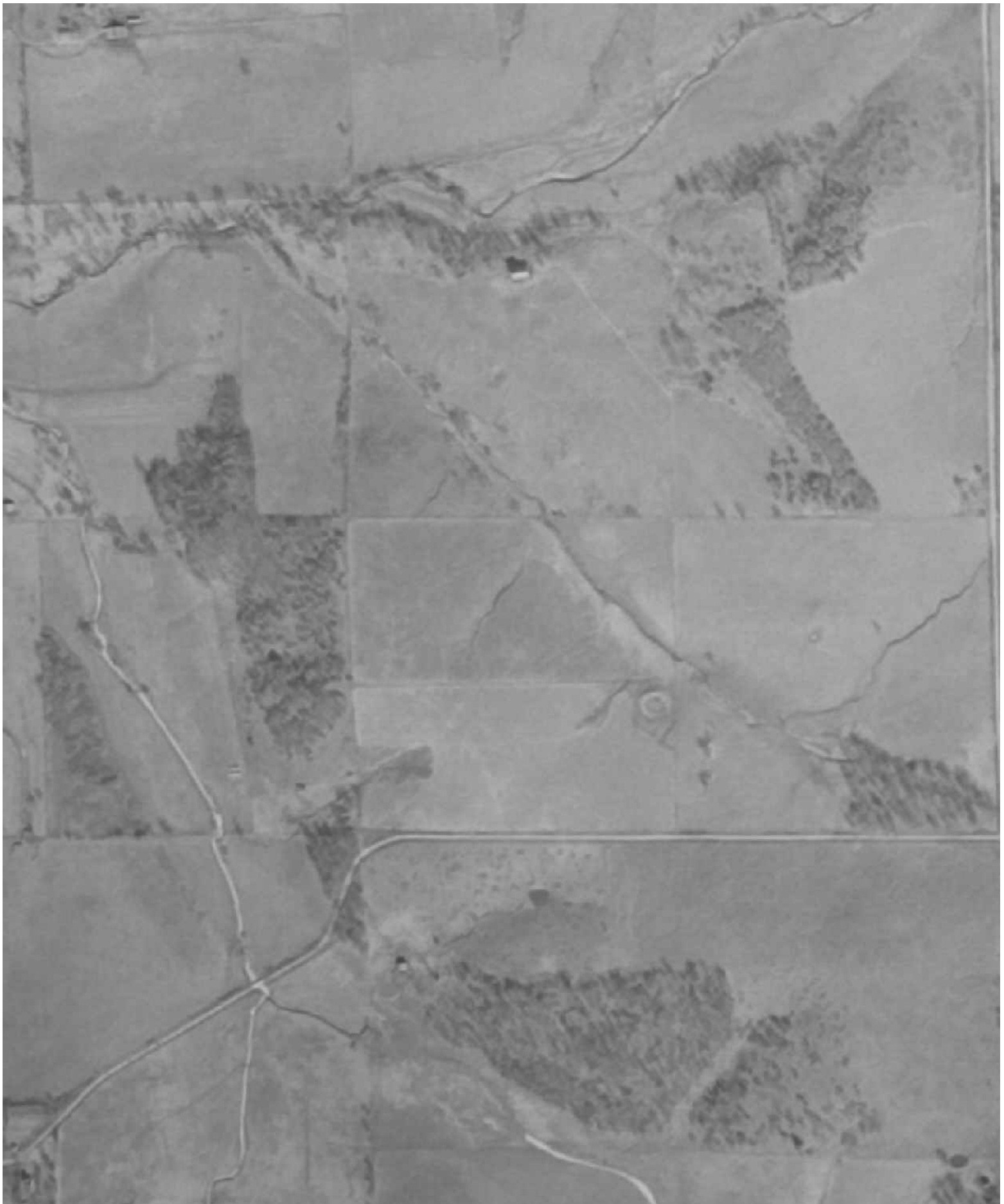


INQUIRY #: 7137674.18

YEAR: 1955

— = 500'





INQUIRY #: 7137674.18

YEAR: 1952

— = 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.

APPENDIX D

USGS Topographical Maps

Ozark South BESS Tract

Old Prospect Road

Ozark, MO 65721

Inquiry Number: 7137674.13

October 04, 2022

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

10/04/22

Site Name:

Ozark South BESS Tract
Old Prospect Road
Ozark, MO 65721
EDR Inquiry # 7137674.13

Client Name:

Trammco Environmental Solutions LLC
Po Box 16478
FERNANDINA BEACH, FL 32035
Contact: Pierce Milligan



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Trammco Environmental Solutions LLC were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

Coordinates:

P.O.#	BMES	Latitude:	36.981002 36° 58' 52" North
Project:	Ozark South BESS Tract	Longitude:	-93.2099 -93° 12' 36" West
		UTM Zone:	Zone 15 North
		UTM X Meters:	481319.27
		UTM Y Meters:	4092785.45
		Elevation:	1260.38' above sea level

Maps Provided:

2017
2015
2004
1975
1955

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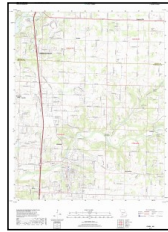
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2017 Source Sheets

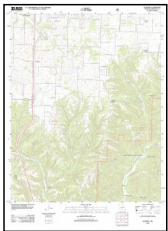


Selmore
2017
7.5-minute, 24000

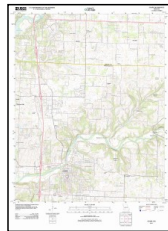


Ozark
2017
7.5-minute, 24000

2015 Source Sheets



Selmore
2015
7.5-minute, 24000



Ozark
2015
7.5-minute, 24000

2004 Source Sheets

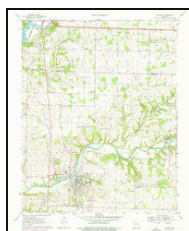


Selmore
2004
7.5-minute, 24000
Aerial Photo Revised 1998

1975 Source Sheets



Selmore
1975
7.5-minute, 24000
Aerial Photo Revised 1975



Ozark
1975
7.5-minute, 24000
Aerial Photo Revised 1968

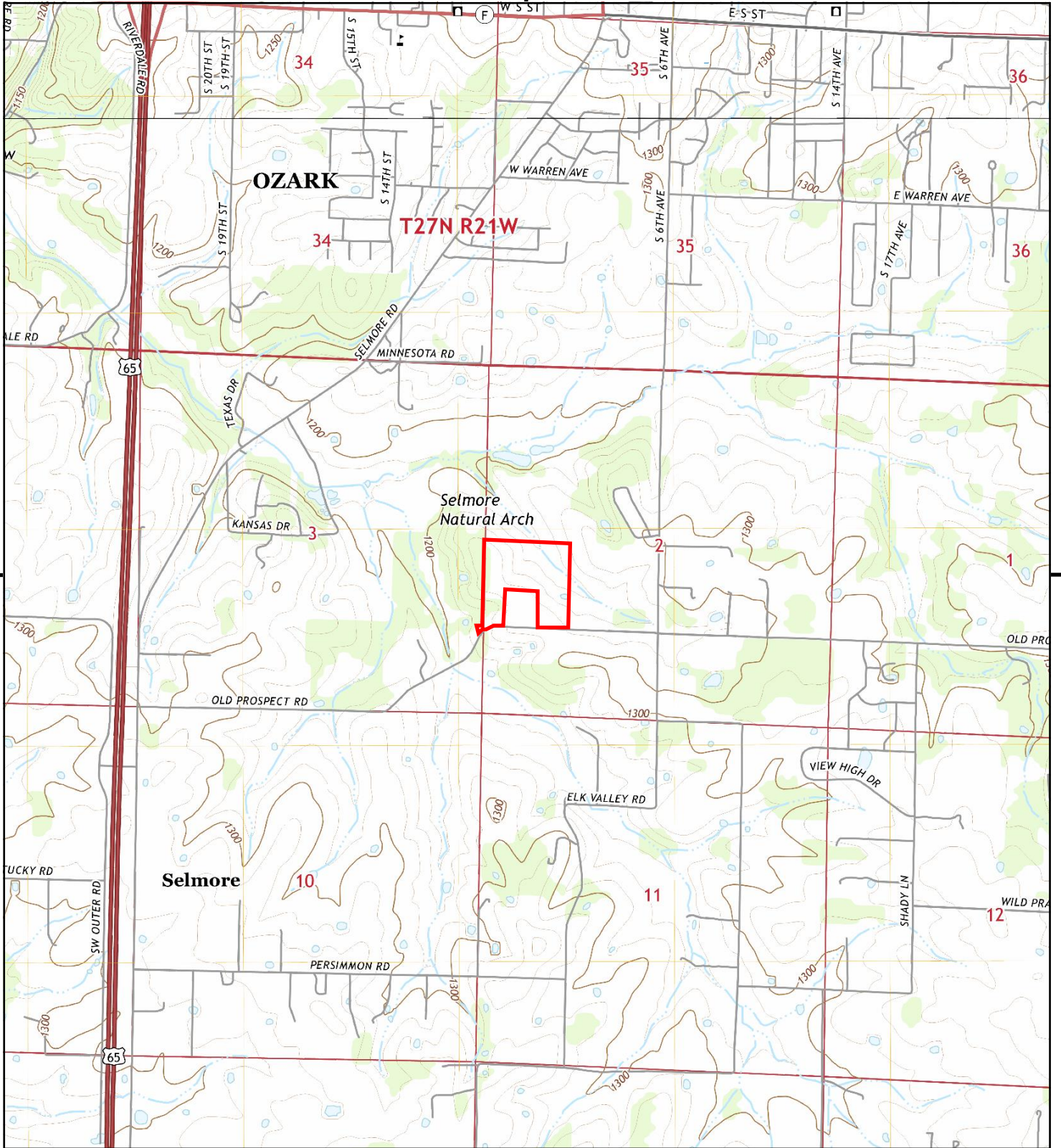
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

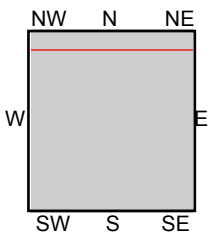
1955 Source Sheets



Selmore
1955
7.5-minute, 24000
Aerial Photo Revised 1952



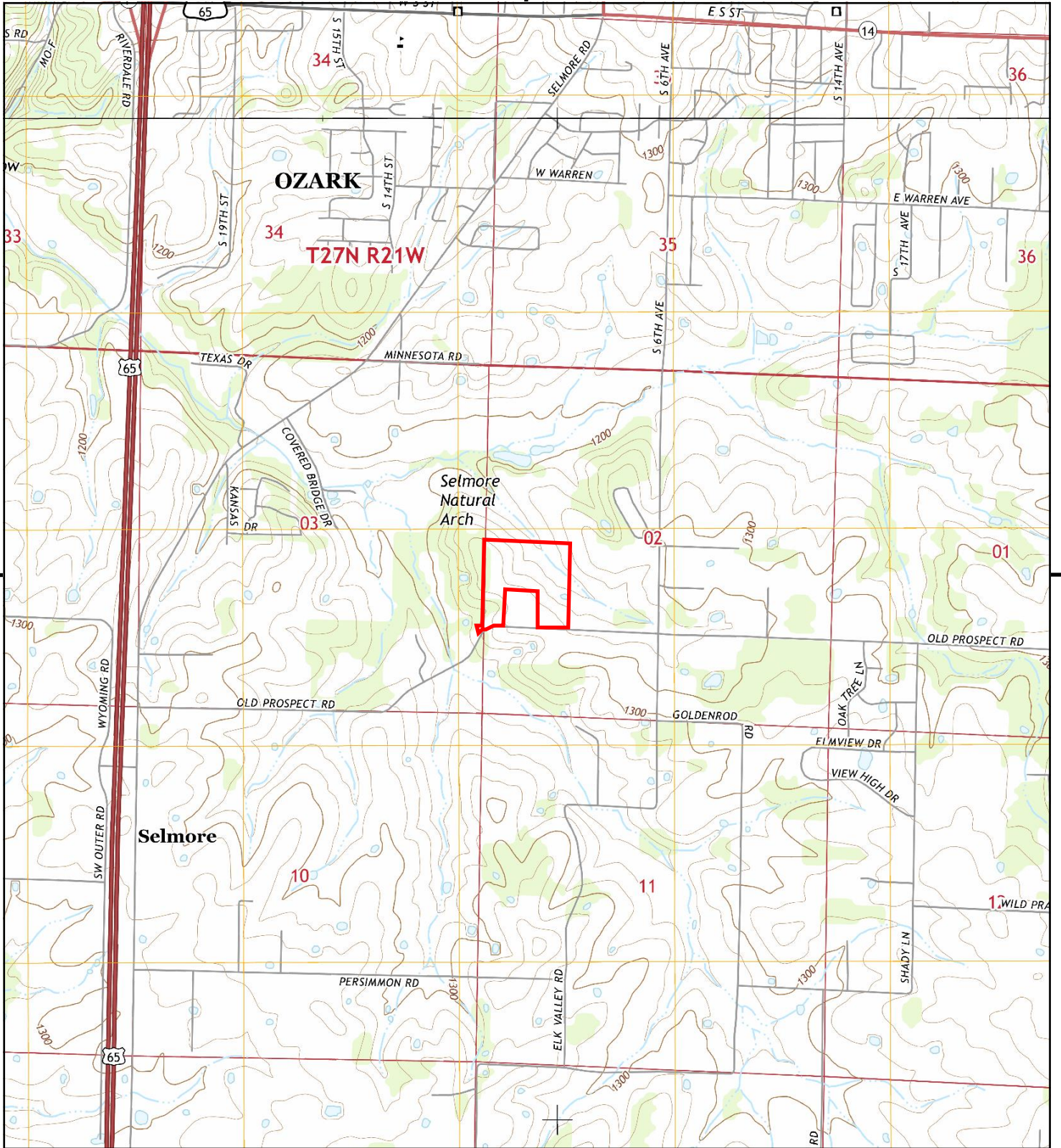
This report includes information from the following map sheet(s).



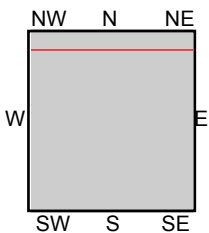
TP, Selmore, 2017, 7.5-minute
N, Ozark, 2017, 7.5-minute

SITE NAME: Ozark South BESS Tract
ADDRESS: Old Prospect Road
Ozark, MO 65721
CLIENT: Trammco Environmental Solutions LLC





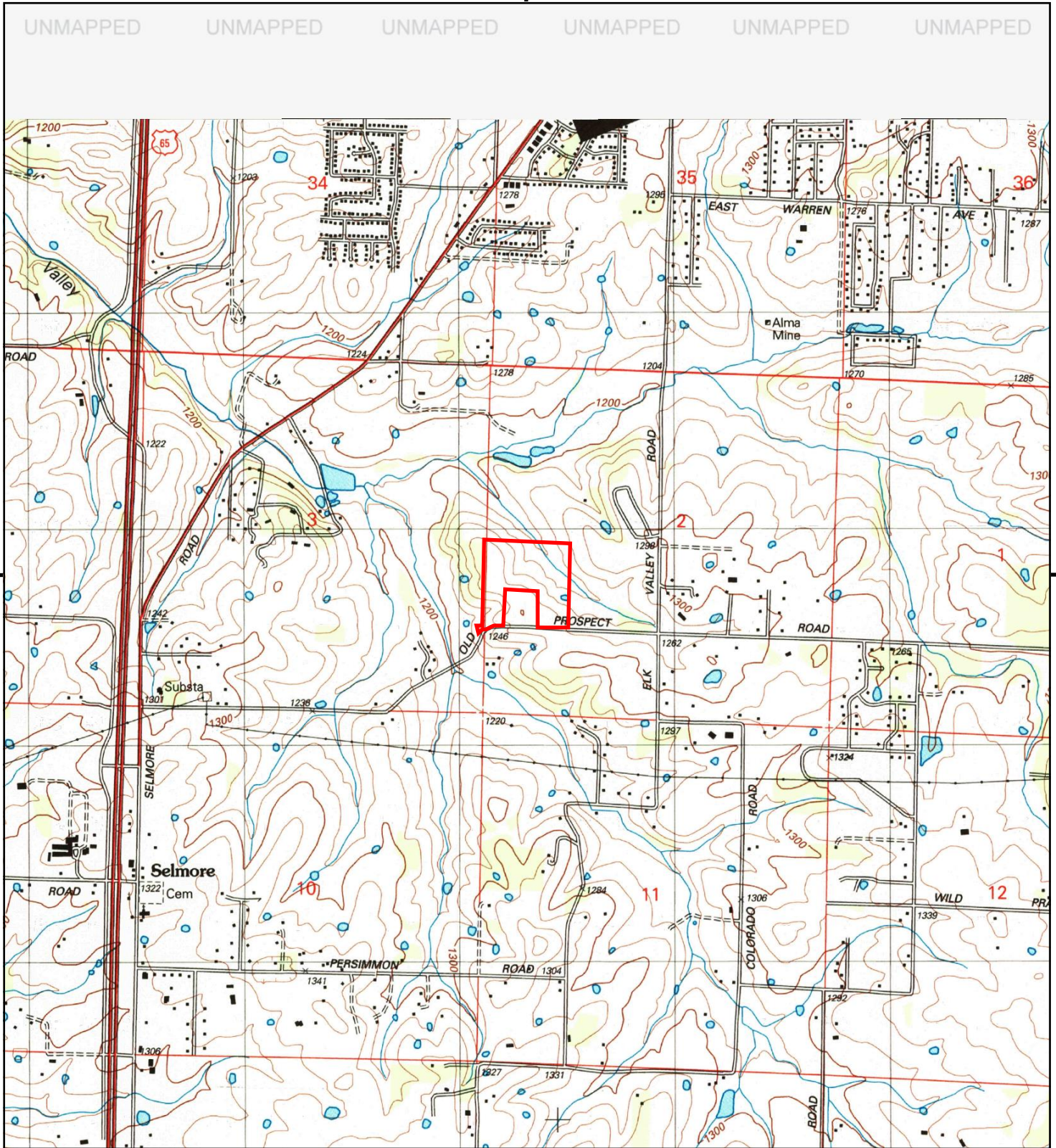
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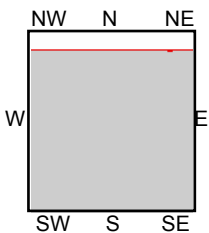
TP, Selmore, 2015, 7.5-minute
N, Ozark, 2015, 7.5-minute

SITE NAME: Ozark South BESS Tract
ADDRESS: Old Prospect Road
Ozark, MO 65721
CLIENT: Trammco Environmental Solutions LLC





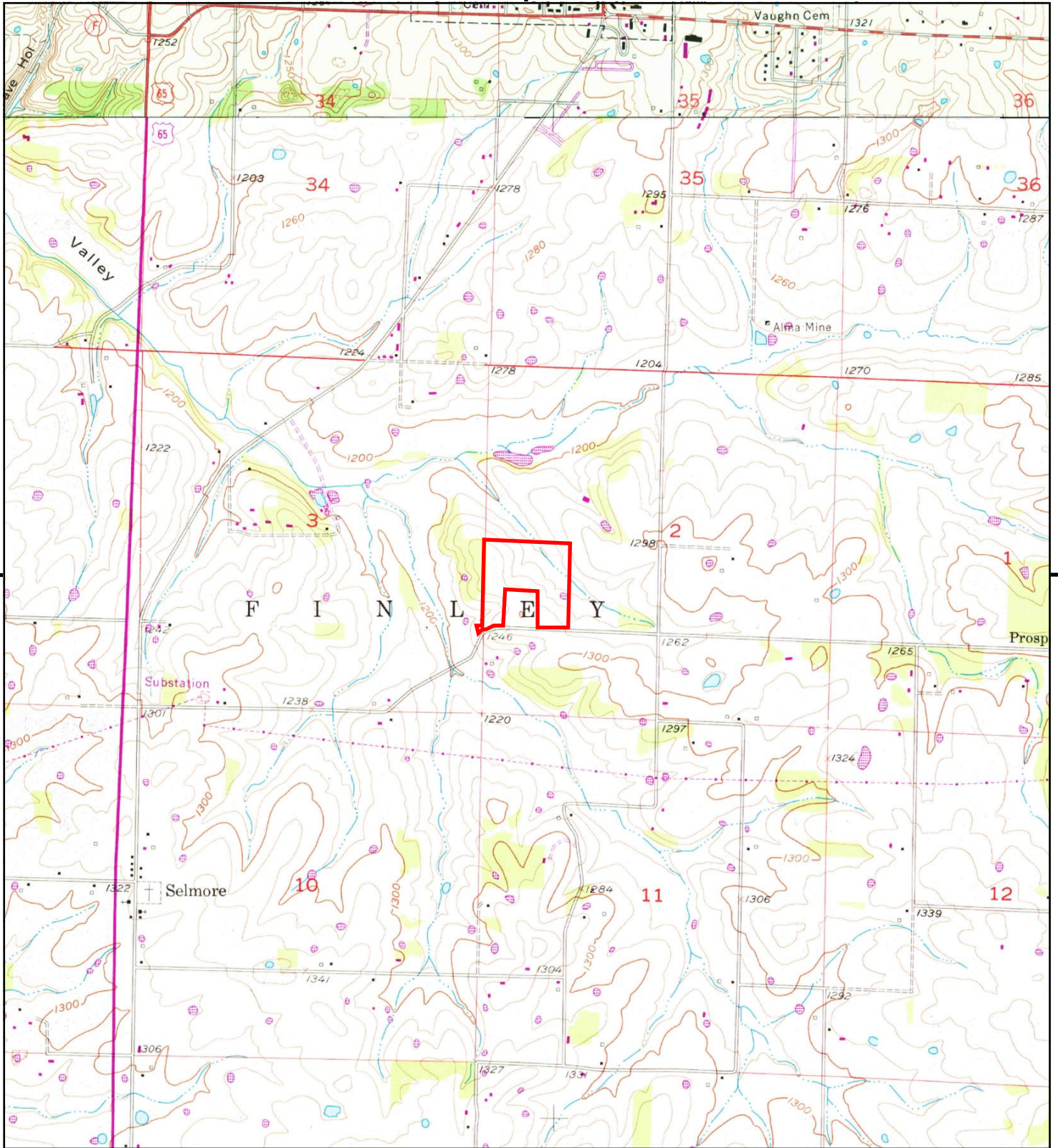
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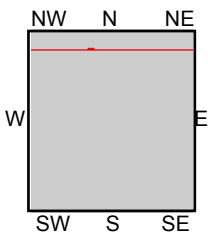
TP, Selmore, 2004, 7.5-minute

SITE NAME: Ozark South BESS Tract
 ADDRESS: Old Prospect Road
 Ozark, MO 65721
 CLIENT: Trammco Environmental Solutions LLC





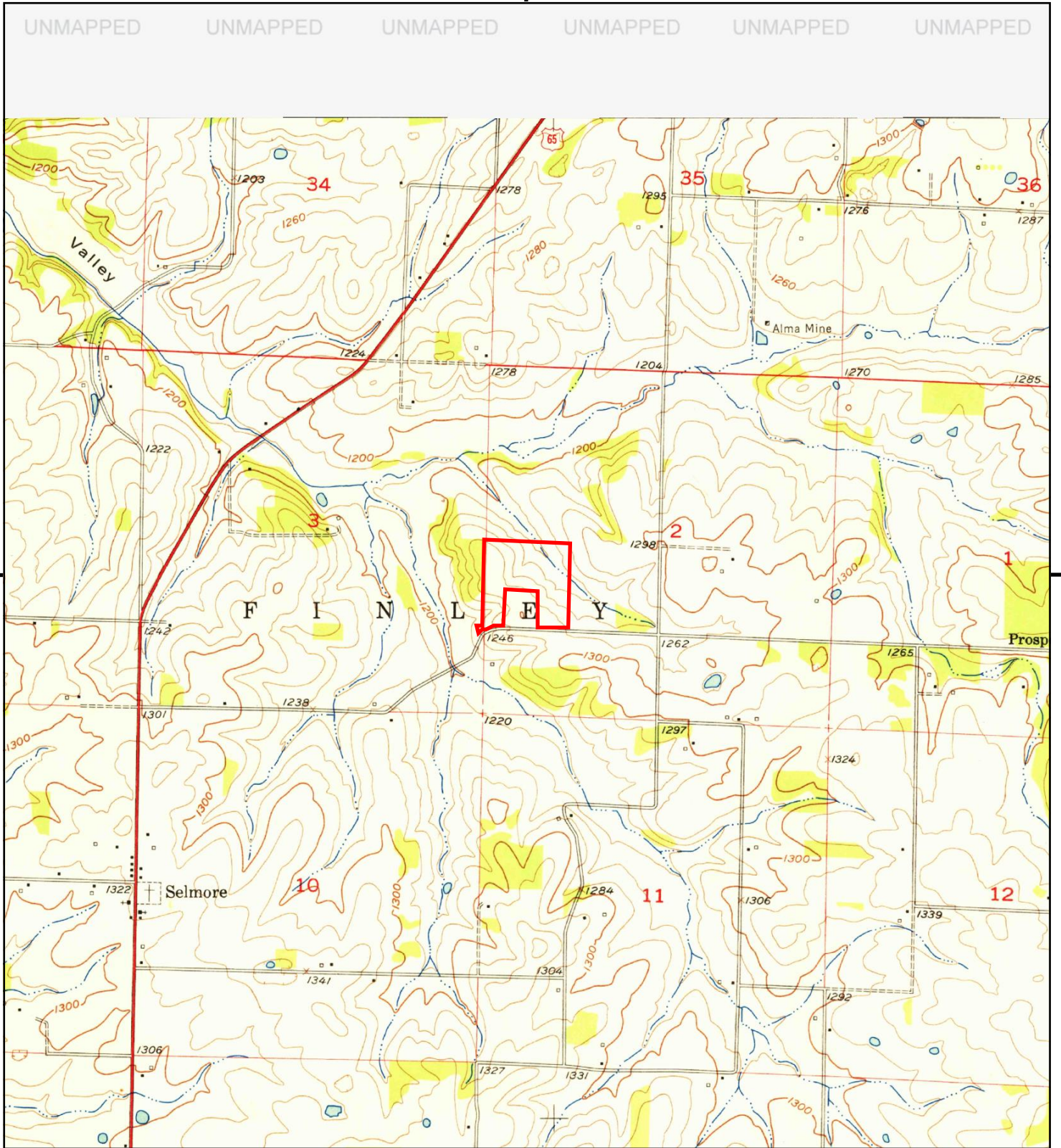
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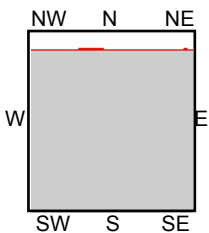
TP, Selmore, 1975, 7.5-minute
N, Ozark, 1975, 7.5-minute

SITE NAME: Ozark South BESS Tract
ADDRESS: Old Prospect Road
Ozark, MO 65721
CLIENT: Trammco Environmental Solutions LLC





This report includes information from the following map sheet(s).



TP, Selmore, 1955, 7.5-minute

SITE NAME: Ozark South BESS Tract

ADDRESS: Old Prospect Road
Ozark, MO 65721

CLIENT: Trammco Environmental Solutions LLC



APPENDIX E

Regulatory Database

Sabertooth BESS Tract

Old Prospect Rd
Ozark, MO 65721

Inquiry Number: 7363253.62s
June 13, 2023

The EDR Radius Map™ Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Map Findings	8
Orphan Summary	9
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

OLD PROSPECT RD
OZARK, MO 65721

COORDINATES

Latitude (North): 36.9808310 - 36° 58' 50.99"
Longitude (West): 93.2098790 - 93° 12' 35.56"
Universal Transverse Mercator: Zone 15
UTM X (Meters): 481320.6
UTM Y (Meters): 4092563.2
Elevation: 1263 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 10341930 SELMORE, MO
Version Date: 2017

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140712
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
OLD PROSPECT RD
OZARK, MO 65721

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
--------	-----------	---------	-------------------	--------------------	----------------------------

NO MAPPED SITES FOUND

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

EXECUTIVE SUMMARY

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

SHWS..... Registry of Confirmed Abandoned or Uncontrolled Hazardous Waste Disposal Sites

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Permitted Facility List

Lists of state and tribal leaking storage tanks

LAST..... Leaking Aboveground Storage Tanks
LUST..... Leaking Underground Storage Tanks
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
UST..... Petroleum Storage Tanks
AST..... Aboveground Petroleum Storage Tanks
INDIAN UST..... Underground Storage Tanks on Indian Land
TANKS..... Underground Storage Tank Database

State and tribal institutional control / engineering control registries

AUL..... Sites with Controls

Lists of state and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Voluntary Cleanup Program Site Listing

Lists of state and tribal brownfield sites

BROWNFIELDS..... Brownfields Site List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Solid Waste Recycling Facilities
HIST LF..... Solid Waste Facility Database List
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory

EXECUTIVE SUMMARY

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
CDL..... Environmental Emergency Response System
DEL SHWS..... Registry Sites Withdrawn or Deleted
US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Environmental Response Tracking Database
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
US MINES..... Mines Master Index File
ABANDONED MINES..... Abandoned Mines

EXECUTIVE SUMMARY

FINDS.....	Facility Index System/Facility Registry System
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
PFAS.....	PFAS Detections
AIRS.....	Permit Facility Listing
ASBESTOS.....	Asbestos Notification Listing
COAL ASH.....	Coal Ash Disposal Sites
DRYCLEANERS.....	Drycleaners in Missouri Listing
Financial Assurance.....	Financial Assurance Information Listing
MINES.....	Industrial Mineral Mines Database
NPDES.....	Permitted Facility Listing
MO RRC.....	Certified Hazardous Waste Resource Recovery Facilities
SMARS.....	Site Management and Reporting System
UIC.....	Underground Injection Wells Database
PFAS TRIS.....	List of PFAS Added to the TRI
MINES MRDS.....	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

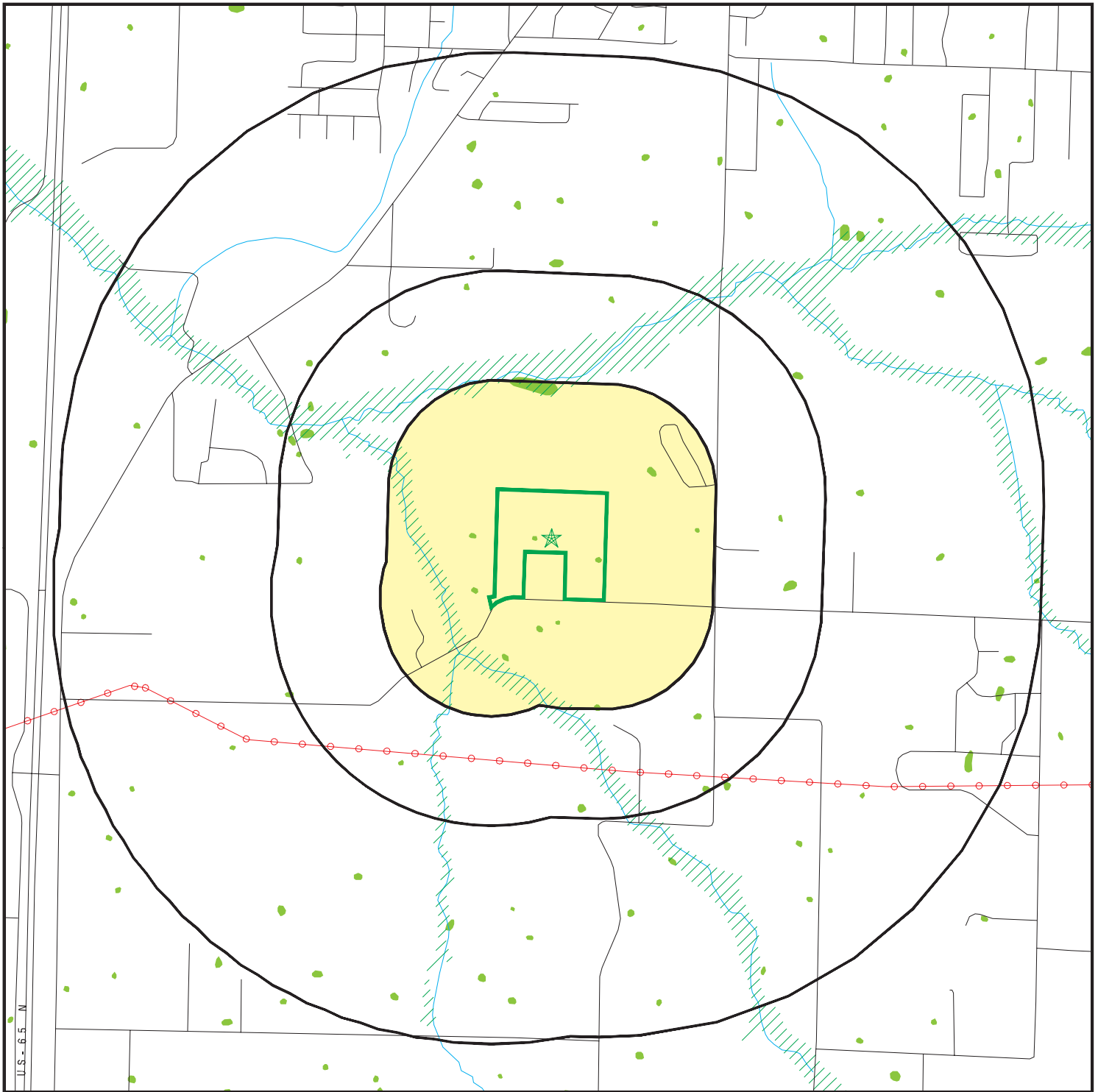
Surrounding sites were not identified.

Unmappable (orphan) sites are not considered in the foregoing analysis.


EXECUTIVE SUMMARY


There were no unmapped sites in this report.

OVERVIEW MAP - 7363253.62S



 Target Property

 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property


 Manufactured Gas Plants

 National Priority List Sites


 Dept. Defense Sites

 Indian Reservations BIA

 Power transmission lines

 Special Flood Hazard Area (1%)

 0.2% Annual Chance Flood Hazard

 National Wetland Inventory

 State Wetlands

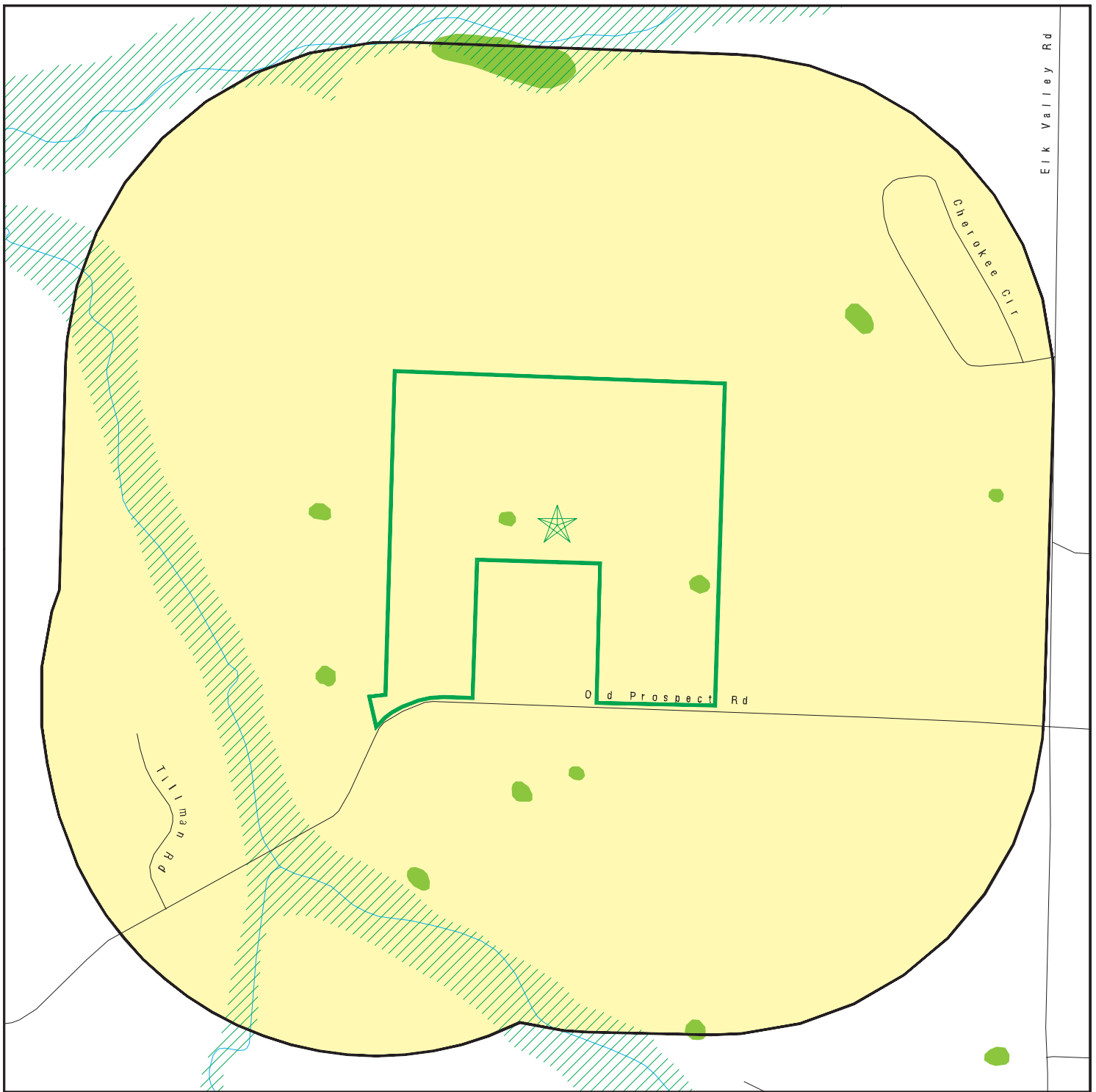









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.






SITE NAME: Sabertooth BESS Tract
 ADDRESS: Old Prospect Rd
 Ozark MO 65721
 LAT/LONG: 36.980831 / 93.209879

CLIENT: Trammco Environmental Solutions LLC
 CONTACT: Pierce Milligan
 INQUIRY #: 7363253.62s
 DATE: June 13, 2023 3:25 pm

DETAIL MAP - 7363253.62S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

<p>SITE NAME: Sabertooth BESS Tract ADDRESS: Old Prospect Rd Ozark MO 65721 LAT/LONG: 36.980831 / 93.209879</p>	<p>CLIENT: Trammco Environmental Solutions LLC CONTACT: Pierce Milligan INQUIRY #: 7363253.62s DATE: June 13, 2023 3:27 pm</p>
--	---

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal leaking storage tanks</i>								
LAST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
TANKS	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
AUL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWRCY	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
MO RRC	0.001		0	NR	NR	NR	NR	0
SMARS	0.500		0	0	0	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	0	0	0	0	0	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO SITES FOUND

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/26/2023	Source: EPA
Date Data Arrived at EDR: 05/02/2023	Telephone: N/A
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 06/02/2023
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/26/2023	Source: EPA
Date Data Arrived at EDR: 05/02/2023	Telephone: N/A
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 06/02/2023
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: N/A
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/26/2023
Date Data Arrived at EDR: 03/28/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 03/28/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/26/2023	Source: EPA
Date Data Arrived at EDR: 05/02/2023	Telephone: 800-424-9346
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 06/02/2023
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/24/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/06/2023	Source: EPA
Date Data Arrived at EDR: 03/09/2023	Telephone: 800-424-9346
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/08/2023	Source: Department of the Navy
Date Data Arrived at EDR: 02/09/2023	Telephone: 843-820-7326
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 05/23/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/21/2023
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/20/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/21/2023	Telephone: 703-603-0695
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 05/23/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 09/04/2023
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/20/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/21/2023	Telephone: 703-603-0695
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 05/23/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 09/04/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/20/2023

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 03/21/2023

Telephone: 202-267-2180

Date Made Active in Reports: 05/30/2023

Last EDR Contact: 03/21/2023

Number of Days to Update: 70

Next Scheduled EDR Contact: 07/03/2023

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: Registry of Confirmed Abandoned or Uncontrolled Hazardous Waste Disposal Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 09/12/2022

Source: Department of Natural Resources

Date Data Arrived at EDR: 09/21/2022

Telephone: 573-751-1990

Date Made Active in Reports: 12/08/2022

Last EDR Contact: 05/31/2023

Number of Days to Update: 78

Next Scheduled EDR Contact: 09/18/2023

Data Release Frequency: Annually

HWS DETAIL: Registry Annual Report

Each site is described in detail in this annual report and includes the following information: a general description of the site; a summary of any significant environmental problems at and near the site; a summary of any serious health problems in the immediate vicinity of the site; the status of any testing, monitoring or remedial actions in progress or recommended by the department.

Date of Government Version: 06/30/2022

Source: Department of Natural Resources

Date Data Arrived at EDR: 03/01/2023

Telephone: 573-751-3176

Date Made Active in Reports: 05/19/2023

Last EDR Contact: 05/22/2023

Number of Days to Update: 79

Next Scheduled EDR Contact: 09/04/2023

Data Release Frequency: Annually

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Solid Waste Facility List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/21/2023

Source: Department of Natural Resources

Date Data Arrived at EDR: 02/22/2023

Telephone: 573-751-5401

Date Made Active in Reports: 05/11/2023

Last EDR Contact: 05/24/2023

Number of Days to Update: 78

Next Scheduled EDR Contact: 09/04/2023

Data Release Frequency: Varies

Lists of state and tribal leaking storage tanks

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tanks.

Date of Government Version: 03/06/2023

Source: Department of Natural Resources

Date Data Arrived at EDR: 03/08/2023

Telephone: 573-751-6822

Date Made Active in Reports: 05/25/2023

Last EDR Contact: 06/05/2023

Number of Days to Update: 78

Next Scheduled EDR Contact: 09/18/2023

Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: Leaking Underground Storage Tanks

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/06/2023	Source: Department of Natural Resources
Date Data Arrived at EDR: 03/08/2023	Telephone: 573-751-0135
Date Made Active in Reports: 05/25/2023	Last EDR Contact: 06/05/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 09/18/2023
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/23/2022	Source: EPA Region 10
Date Data Arrived at EDR: 12/06/2022	Telephone: 206-553-2857
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 134	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/19/2022	Source: EPA Region 1
Date Data Arrived at EDR: 12/06/2022	Telephone: 617-918-1313
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/26/2022	Source: EPA Region 4
Date Data Arrived at EDR: 12/06/2022	Telephone: 404-562-8677
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 12/06/2022	Telephone: 913-551-7003
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/23/2022	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2022	Telephone: 303-312-6271
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/08/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 11/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2022	Telephone: 415-972-3372
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/14/2022	Source: EPA, Region 5
Date Data Arrived at EDR: 12/06/2022	Telephone: 312-886-7439
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/23/2022	Source: EPA Region 6
Date Data Arrived at EDR: 12/06/2022	Telephone: 214-665-6597
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023	Source: FEMA
Date Data Arrived at EDR: 03/09/2023	Telephone: 202-646-5797
Date Made Active in Reports: 05/30/2023	Last EDR Contact: 03/29/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

UST: Petroleum Storage Tanks

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/06/2023	Source: Department of Natural Resources
Date Data Arrived at EDR: 03/08/2023	Telephone: 573-751-0135
Date Made Active in Reports: 05/25/2023	Last EDR Contact: 06/05/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 09/18/2023
	Data Release Frequency: Quarterly

AST: Aboveground Petroleum Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 05/26/2022	Source: Department of Agriculture
Date Data Arrived at EDR: 05/27/2022	Telephone: 573-751-7062
Date Made Active in Reports: 08/11/2022	Last EDR Contact: 05/24/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/23/2022	Source: EPA Region 9
Date Data Arrived at EDR: 12/06/2022	Telephone: 415-972-3368
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/23/2022	Source: EPA Region 4
Date Data Arrived at EDR: 12/06/2022	Telephone: 404-562-9424
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 12/06/2022	Telephone: 913-551-7003
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 11/23/2022	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2022	Telephone: 303-312-6137
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/19/2022	Source: EPA, Region 1
Date Data Arrived at EDR: 12/06/2022	Telephone: 617-918-1313
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/23/2022	Source: EPA Region 10
Date Data Arrived at EDR: 12/06/2022	Telephone: 206-553-2857
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 134	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/14/2022	Source: EPA Region 5
Date Data Arrived at EDR: 12/06/2022	Telephone: 312-886-6136
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/23/2022	Source: EPA Region 6
Date Data Arrived at EDR: 12/06/2022	Telephone: 214-665-7591
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

TANKS: Underground Storage Tank Database Storage tank sites

Date of Government Version: 03/06/2023	Source: Department of Natural Resources
Date Data Arrived at EDR: 03/08/2023	Telephone: 573-526-2058
Date Made Active in Reports: 05/25/2023	Last EDR Contact: 06/05/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 09/18/2023
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Sites with Controls

Activity and use limitations include both engineering controls and institutional controls.

Date of Government Version: 02/01/2023	Source: Department of Natural Resources
Date Data Arrived at EDR: 02/07/2023	Telephone: 573-751-3176
Date Made Active in Reports: 04/28/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/21/2023
	Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

VCP: Sites Participating in the Voluntary Cleanup Program Sites participating in the Voluntary Cleanup Program.

Date of Government Version: 02/01/2023	Source: Department of Natural Resources
Date Data Arrived at EDR: 02/07/2023	Telephone: 573-526-8913
Date Made Active in Reports: 04/28/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/21/2023
	Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/17/2023
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Varies

Lists of state and tribal brownfield sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BROWNFIELDS: Brownfields Site List

Brownfields are sites where redevelopment and reuse is hampered by known or suspected contamination with hazardous substances. While many brownfield sites are minimally contaminated, potential environmental liability can be a problem for owners, operators, prospective buyers and financial institutions. Because of the large number of these sites, their economic impact especially in heavily industrial areas is substantial.

Date of Government Version: 02/01/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 04/28/2023
Number of Days to Update: 80

Source: Department of Natural Resources
Telephone: 573-526-8913
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 04/06/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/08/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Solid Waste Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 03/16/2022
Date Data Arrived at EDR: 03/17/2022
Date Made Active in Reports: 06/10/2022
Number of Days to Update: 85

Source: Department of Natural Resources
Telephone: 573-526-3944
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

HIST LF: Solid Waste Facility Database List

This database contains detailed information per site. It is no longer maintained by the Department of Natural Resources. For current information on solid waste facilities/landfills see the SWF/LF database.

Date of Government Version: 04/12/2005
Date Data Arrived at EDR: 07/19/2006
Date Made Active in Reports: 08/18/2006
Number of Days to Update: 30

Source: Department of Natural Resources
Telephone: 573-751-5401
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/19/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 04/12/2023
Number of Days to Update: 137	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 04/27/2023
Number of Days to Update: 176	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 01/06/2023	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 02/02/2023	Telephone: 202-307-1000
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 05/23/2023
Number of Days to Update: 8	Next Scheduled EDR Contact: 09/04/2023
	Data Release Frequency: No Update Planned

CDL: Environmental Emergency Response System

Incidents reported to the Department of Natural Resources where drug lab materials were involved.

Date of Government Version: 12/05/2022	Source: Department of Natural Resources
Date Data Arrived at EDR: 12/05/2022	Telephone: 573-751-3443
Date Made Active in Reports: 02/24/2023	Last EDR Contact: 05/31/2023
Number of Days to Update: 81	Next Scheduled EDR Contact: 09/18/2023
	Data Release Frequency: Quarterly

DEL SHWS: Registry Sites Withdrawn or Deleted

A list of sites that were removed from the Registry or for which Registry action was suspended due to cleanup.

Date of Government Version: 09/12/2022	Source: Department of Natural Resources
Date Data Arrived at EDR: 09/21/2022	Telephone: 573-522-3710
Date Made Active in Reports: 12/08/2022	Last EDR Contact: 05/31/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 09/18/2023
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 01/06/2023	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 02/02/2023	Telephone: 202-307-1000
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 05/23/2023
Number of Days to Update: 8	Next Scheduled EDR Contact: 09/04/2023
	Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/26/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/02/2023	Telephone: 202-564-6023
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 06/02/2023
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/19/2023	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/21/2023	Telephone: 202-366-4555
Date Made Active in Reports: 05/30/2023	Last EDR Contact: 03/21/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

SPILLS: Environmental Response Tracking Database

Releases of hazardous substances reported to the department's Environmental Emergency Response (EER) section.

Date of Government Version: 12/05/2022	Source: Department of Natural Resources
Date Data Arrived at EDR: 12/05/2022	Telephone: 573-526-3349
Date Made Active in Reports: 02/24/2023	Last EDR Contact: 05/31/2023
Number of Days to Update: 81	Next Scheduled EDR Contact: 09/18/2023
	Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/27/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 02/01/2023	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 02/14/2023	Telephone: 202-528-4285
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 05/16/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/28/2023
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021	Source: USGS
Date Data Arrived at EDR: 07/13/2021	Telephone: 888-275-8747
Date Made Active in Reports: 03/09/2022	Last EDR Contact: 04/11/2023
Number of Days to Update: 239	Next Scheduled EDR Contact: 07/24/2023
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 04/03/2023
Number of Days to Update: 574	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2023	Telephone: 615-532-8599
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 05/11/2023
Number of Days to Update: 7	Next Scheduled EDR Contact: 08/21/2023
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/13/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/01/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/04/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/13/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 02/16/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 75

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/19/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/17/2023
Date Data Arrived at EDR: 01/18/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 91

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/18/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/15/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 70

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/04/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 03/23/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2022	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 01/12/2023	Telephone: Varies
Date Made Active in Reports: 04/07/2023	Last EDR Contact: 04/03/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021	Source: EPA/NTIS
Date Data Arrived at EDR: 03/09/2023	Telephone: 800-424-9346
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 04/06/2023
Number of Days to Update: 546	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023	Source: Department of Energy
Date Data Arrived at EDR: 03/03/2023	Telephone: 202-586-3559
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 04/26/2023
Number of Days to Update: 98	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 05/24/2023
Number of Days to Update: 74	Next Scheduled EDR Contact: 08/28/2023
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/26/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/02/2023	Telephone: 703-603-8787
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 06/02/2023
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016	Source: EPA
Date Data Arrived at EDR: 10/26/2016	Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016	Source: EPA
Date Data Arrived at EDR: 10/26/2016	Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/02/2023	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 02/22/2023	Telephone: 303-231-5959
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 05/24/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/04/2023
	Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 04/03/2023	Source: DOL, Mine Safety & Health Admi
Date Data Arrived at EDR: 04/04/2023	Telephone: 202-693-9424
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 05/24/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022	Source: USGS
Date Data Arrived at EDR: 02/24/2023	Telephone: 703-648-7709
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 05/25/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/04/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 05/25/2023
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/04/2023
	Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/17/2023	Source: Department of Interior
Date Data Arrived at EDR: 03/17/2023	Telephone: 202-208-2609
Date Made Active in Reports: 05/30/2023	Last EDR Contact: 05/31/2023
Number of Days to Update: 74	Next Scheduled EDR Contact: 09/18/2023
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/02/2023	Source: EPA
Date Data Arrived at EDR: 02/28/2023	Telephone: (913) 551-7003
Date Made Active in Reports: 03/24/2023	Last EDR Contact: 05/25/2023
Number of Days to Update: 24	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 05/17/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/04/2023
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/25/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2023	Telephone: 202-564-2280
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 03/31/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 10/20/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/13/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 64

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 06/07/2023
Date Data Arrived at EDR: 06/08/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 06/08/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020	Source: Department of Health & Human Services
Date Data Arrived at EDR: 03/17/2021	Telephone: 202-741-5770
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 04/20/2023
Number of Days to Update: 601	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 33	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/07/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 8	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 04/27/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2023	Telephone: 202-272-0167
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 04/27/2023
Number of Days to Update: 5	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS: PFAS Detections

PFAS detection list

Date of Government Version: 01/03/2023	Source: Department of Natural Resources
Date Data Arrived at EDR: 01/25/2023	Telephone: 517-751-9857
Date Made Active in Reports: 04/13/2023	Last EDR Contact: 03/29/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

AIRS: Permit Facility Listing

A listing of Air Pollution Control Program permits.

Date of Government Version: 03/22/2023	Source: Department of Natural Resources
Date Data Arrived at EDR: 03/22/2023	Telephone: 573-751-4817
Date Made Active in Reports: 06/06/2023	Last EDR Contact: 04/27/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing

The department requires notification of demolitions and abatement projects involving regulated structures at least 10 working days before crews begin a project.

Date of Government Version: 01/03/2023	Source: Department of Natural Resources
Date Data Arrived at EDR: 01/04/2023	Telephone: 573-751-4817
Date Made Active in Reports: 03/21/2023	Last EDR Contact: 04/04/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of power plants with coal ash ponds.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/03/2018
Date Data Arrived at EDR: 02/01/2018
Date Made Active in Reports: 03/22/2018
Number of Days to Update: 49

Source: Department of Natural Resources
Telephone: 573-526-1825
Last EDR Contact: 03/23/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: No Update Planned

DRYCLEANERS: Drycleaners in Missouri Listing

A listing of drycleaner facilities that are potentially eligible for reimbursement of department approved cleanup costs under the Drycleaning Environmental Response Trust Fund.

Date of Government Version: 11/30/2017
Date Data Arrived at EDR: 12/13/2017
Date Made Active in Reports: 01/18/2018
Number of Days to Update: 36

Source: Department of Natural Resources
Telephone: 573-526-8913
Last EDR Contact: 05/31/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information.

Date of Government Version: 11/27/2022
Date Data Arrived at EDR: 12/20/2022
Date Made Active in Reports: 03/15/2023
Number of Days to Update: 85

Source: Department of Natural Resources
Telephone: 573-751-3553
Last EDR Contact: 05/24/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Annually

Financial Assurance 2: Financial Assurance Information Listing

Financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 12/19/2022
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 78

Source: Department of Natural Resources
Telephone: 573-751-5401
Last EDR Contact: 06/01/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

MINES: Industrial Mineral Mines Database

This data set contains names, locations and additional data for active Industrial Mineral Mines permitted with the Missouri Department of Natural Resources, Division of Environmental Quality, Land Reclamation Program. Industrial Mineral Mines permitted are rock quarries, clay pits, sand and gravel pits, or in-stream sand and gravel operations.

Date of Government Version: 04/30/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 10/07/2021
Number of Days to Update: 85

Source: Department of Natural Resources
Telephone: 573-751-4041
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

NPDES: Permitted Facility Listing

A listing of permitted facilities from the Water Pollution Branch.

Date of Government Version: 12/28/2022
Date Data Arrived at EDR: 01/11/2023
Date Made Active in Reports: 03/30/2023
Number of Days to Update: 78

Source: Department of Natural Resources
Telephone: 573-751-7023
Last EDR Contact: 03/23/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

RRC: Certified Hazardous Waste Resource Recovery Facilities

Facilities that take hazardous waste material, either from on-site or off-site, and make it re-usable.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/28/2020
Number of Days to Update: 83

Source: Department of Natural Resources
Telephone: 573-751-3176
Last EDR Contact: 05/31/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Annually

SMARS: Site Management and Reporting System

SMARS currently houses information for Superfund, Federal Facility, Brownfields Voluntary Cleanup Program and Missouri's other state response programs.

Date of Government Version: 01/01/2023
Date Data Arrived at EDR: 01/25/2023
Date Made Active in Reports: 04/13/2023
Number of Days to Update: 78

Source: Department of Natural Resources
Telephone: 573-751-3043
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Quarterly

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 09/01/2022
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 04/28/2023
Number of Days to Update: 73

Source: Department of Natural Resources
Telephone: 573-368-2183
Last EDR Contact: 05/19/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Semi-Annually

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: No Update Planned

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 06/07/2023
Date Data Arrived at EDR: 06/08/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 06/08/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Missouri.

Date of Government Version: N/A	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/03/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 186	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Missouri.

Date of Government Version: N/A	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/15/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 198	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Missouri.

Date of Government Version: N/A	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/03/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 186	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/16/2022	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 11/16/2022	Telephone: 860-424-3375
Date Made Active in Reports: 02/06/2023	Last EDR Contact: 05/11/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/21/2023
	Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 10/29/2021	Telephone: 518-402-8651
Date Made Active in Reports: 01/19/2022	Last EDR Contact: 04/27/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/10/2022
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Child Care Facilities

Source: Department of Health & Senior Services

Telephone: 573-751-2450

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: National Wetland Inventory of Missouri

Source: Department of Natural Resources

Telephone: 573-751-5110

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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APPENDIX F

Sanborn Maps

Ozark South BESS Tract

Old Prospect Road

Ozark, MO 65721

Inquiry Number: 7137674.12

October 04, 2022

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

10/04/22

Site Name:

Ozark South BESS Tract
Old Prospect Road
Ozark, MO 65721
EDR Inquiry # 7137674.12

Client Name:

Trammco Environmental Solutions LLC
Po Box 16478
FERNANDINA BEACH, FL 32035
Contact: Pierce Milligan



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Trammco Environmental Solutions LLC were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # A431-424D-A5C1
PO # BMES
Project Ozark South BESS Tract

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: A431-424D-A5C1

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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APPENDIX G

City Directory

Ozark South BESS Tract

Old Prospect Road
Ozark, MO 65721

Inquiry Number: 7137674.14
October 07, 2022

The EDR-City Directory Image Report

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Findings

City Directory Images

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive

FINDINGS

TARGET PROPERTY STREET

Old Prospect Road
Ozark, MO 65721

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

OLD PROSPECT RD

2017	pg A1	EDR Digital Archive	
2014	pg A2	EDR Digital Archive	
2010	pg A3	EDR Digital Archive	
2005	pg A4	EDR Digital Archive	
2000	pg A5	EDR Digital Archive	
1995	-	EDR Digital Archive	Street not listed in Source
1992	-	EDR Digital Archive	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

OLD PROSPECT RD 2017

143	SALMON, BYRON L
201	ORELLANA, JOSE F
337	OUELLETTE, BRIAN A
806	RICHARDSON, LESTER R
813	THORNTON, STEVEN S
1135	WAMMACK, JAMES J
1751	WAMMACK, SAMUEL J
1891	SHRIVER, JAYSON A
1896	LOTZ, CHARLES B
1930	PILGER, ETHAN
1973	DOOLITTLE, BRUCE B
2049	HALE, COREY C
2070	WEATHERMAN, RUDIE
2352	WEAVER, SHAWN J
2380	STOKES, TOM M
2696	BROWN, A
2885	SOLLER, LLOYD R
2932	PROSPECT BAPTIST CHURCH
2946	BAIRD, KERRY
2997	MASON, SETH A
2998	FLETCHER, JEREMY A
3099	HAWKINS, DONALD W

OLD PROSPECT RD 2014

143	OCCUPANT UNKNOWN,
201	ORELLANA, JOSE F
337	BANTHER, JESSICA R
360	OCCUPANT UNKNOWN,
806	RICHARDSON, LESTER R
810	RICHARDSON, CAVEN
813	THORNTON, STEVEN S
1135	WAMMACK, JAMES J
1751	WAMMACK, SAMUEL J
1798	MORGAN, DOUGLAS W
1891	SHRIVER, JAYSON A
1896	LOTZ, CHARLES B
1930	OCCUPANT UNKNOWN,
1973	DOOLITTLE, BRUCE B
2049	OCCUPANT UNKNOWN,
2070	WEATHERMAN, RUDIE
2280	OCCUPANT UNKNOWN,
2352	WEBB, PHIL E
2380	STOKES, TOM M
2865	WALKER, JOHN N
2885	MYERS, LEONARD I
2932	PROSPECT BAPTIST CHURCH
2946	GRAVES, DANE T
2997	MASON, SETH A
2998	FLETCHER, JEREMY A
3099	HAWKINS, DONALD W

OLD PROSPECT RD 2010

143	PRIME PVC STEWART, MARIAN
201	ORELLANA, FRANK
337	OCCUPANT UNKNOWN,
806	OCCUPANT UNKNOWN,
810	OCCUPANT UNKNOWN,
813	THORNTON, STEVEN S
1132	FARM MONTGOMERY
1135	WAMMACK, JAMES J
1751	WAMMACK, SAMUEL J
1798	MORGAN, DOUGLAS W
1891	SHRIVER, JAYSON A
1896	FRESHOUR, EARL C
1930	OCCUPANT UNKNOWN,
1973	DOOLITTLE, BRUCE B
2049	MOORE, JOHN R
2280	FOX, CHARLES R
2352	WEBB, PHIL E
2380	STOKES, AARON M
2885	MYERS, LEONARD I
2932	PROSPECT BAPTIST CHURCH
2946	GRAVES, RICHARD A
2997	CRASE, DALLAS D
2998	BOWERMASTER, JOHN E NANCY LEE CONSTRUCTION
3099	HAWKINS, DONALD W

OLD PROSPECT RD 2005

201	ORLE, FRANK
337	JAMES, R
810	SCHMIDT, ETTA V
813	THORNTON, STEVEN S
1135	WAMMACK, JAMES J
1798	MORGAN, DOUGLAS
1891	SHRIVER, JAYSON A
1896	FRESHOUR, EARL C
1930	OCCUPANT UNKNOWN,
1973	MARSHALL, NORA F
2049	MBA TRANSPORT INC
	MOORE, RAY R
2070	WEATHERMAN, ANNETTE
2352	OCCUPANT UNKNOWN,
2380	NATHAN, CHARLES H
2696	SIMPLY HEAVEN DESIGNS
	SNIDER, KENNETH D
2885	OCCUPANT UNKNOWN,
2932	PROSPECT BAPTIST CHURCH
2946	GRAVES, DANE
2997	MASON, LEE A
2998	BOWERMASTER, JOHN E
3099	HAWKINS, SALLY L

OLD PROSPECT RD 2000

143 HERRELL, TIM
201 ZIMMERRER, ANNA
337 GURNEY, STEVEN
1135 WAMMACK, JAMES J
1798 MORGAN, DOUGLAS
1891 SHRIVER, JAYSON
1896 FRESHOUR, EARL
1973 MARSHALL, NORA F
2049 MOORE, RAY
2932 PROSPECT BAPTIST CHURCH

APPENDIX H

Previous Environmental Reports

Phase I Environmental Site Assessment

OZARK SOUTH BESS TRACT

Old Prospect Road
Ozark, Missouri 65721

Prepared For:

BLACK MOUNTAIN ENERGY STORAGE

425 Houston Street
Suite 400
Fort Worth, Texas 76102

Prepared By:

TRAMMCO ENVIRONMENTAL SOLUTIONS, LLC

5472 First Coast Highway, Unit 6
Amelia Island, Florida 32034
Tel: (404) 788-8606

Matthew Trammell

Matthew Trammell
Principal

November 14, 2022





PHASE I ENVIRONMENTAL SITE ASSESSMENT

OZARK SOUTH BESS TRACT

Old Prospect Road
Ozark, Missouri 65721

November 14, 2022

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Phase I ESA
dated November 14, 2022



PHASE I ENVIRONMENTAL SITE ASSESSMENT

OZARK SOUTH BESS TRACT

Old Prospect Road
Ozark, Missouri 65721

November 14, 2022

Environmental Professional Certification

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR §312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the *all appropriate inquiries* in conformance with the standards and practices set forth in 40 CFR Part 312.

November 14, 2022

Date

Matthew Trammell

Environmental Professional

PHASE I ENVIRONMENTAL SITE ASSESSMENT

OZARK SOUTH BESS TRACT

Old Prospect Road
Ozark, Missouri 65721

November 14, 2022

1. EXECUTIVE SUMMARY

Trammco Environmental Solutions, LLC (Trammco) performed a Phase I Environmental Site Assessment (ESA) on behalf of Black Mountain Energy Storage (BMES) on the Ozark South BESS Tract located along Old Prospect Rd, at 36.9810020, -93.2099000, in Ozark, Missouri (“the subject site”). The subject site is an approximate 34.16 acre tract comprised of Christian County Tax Parcel 18010200000005000. The subject site is currently utilized for livestock grazing. Freshwater ponds, identified as regulated wetlands, were observed along the eastern property boundary and in the northwest portion of the subject site. The subject site first appeared in its current configuration in the late 1970’s after a freshwater pond was developed in the northwest portion of the subject site. The subject site and surrounding area appear to generally slope toward Finley Creek tributaries. The subject site sharply slopes to the northeast and the northwest, away from the adjacent substation. A gully was observed in the northeast portion of the subject site. Stormwater appears to exit the subject site to the northeast and the northwest via sheet flow across permeable surfaces. Stormwater that enters the gully appears to exit the subject site to the north via channelized flow. The subject site and surrounding properties are depicted on Figures 1 and 2, included in Appendix A of this report.

A residence, predating 1952, is located on the adjoining property to the south. Additional residential development took place to the southwest and southeast of the subject site in the late 1980’s and 1990’s, respectively. The adjoining property to the southwest was developed with a residence in the late 1980’s. A trailer park appears to have operated to the northeast of the subject site in the 1990’s and early 2000’s. An electrical substation was developed along Old Prospect Rd, abutting the subject site to the south, in the late 2000’s. The subject site and surrounding area have remained generally unchanged since the late 2000’s.

Based on observations during the October 13, 2022, site visit, interviews with key personnel, and regulatory database review, the results of the Phase I ESA are summarized in the table below.

Summary Table

Topic	No Further Action	De Minimis	REC, HREC or CREC	Report Section	Comment
Property Location	X			3.1	The subject site is in an area generally comprised of unimproved land used for agricultural purposes. Scattered residential development can be seen in the surrounding area and a commercial substation abuts the subject site.
Topography and Surface Water Drainage	X			3.3-3.5	The subject site sharply slopes to the northeast and the northwest. The subject site and surrounding area generally slope toward Finley Creek tributaries.
Current Use	X			4.1	The subject site consists of unimproved land used for agricultural purposes.
Storage Tanks (USTs & ASTs)	X			4.2.1	
Hazardous Substances and Petroleum Product Storage	X			4.2.2	
Solid Waste, Hazardous Waste, and landfill	X			4.2.4	
Wastewater	X			4.2.5	
Polychlorinated Biphenyls (PCBs)	X			4.2.6	
Water Wells	X			4.2.7	
Stormwater and Surface Drainage	X			4.2.9 & 4.2.14	Surface water is anticipated to exit the subject site to the northeast and northwest via sheet flow across permeable surfaces. Stormwater that has entered the onsite gully appears to exit the subject site to the north via channelized flow.
Surface Impoundments	X			4.2.9	

Topic	No Further Action	De Minimis	REC, HREC or CREC	Report Section	Comment
Evidence of On-Site Releases	X			6.1	
Utilities	X			4.2.12	
Previous Environmental Assessments	X			5.9	
Surrounding Properties	X			5.10	An electrical substation was developed on the adjoining property to the south in the late 2000's.
Regulatory Agency Review	X			6.0	The subject site and surrounding properties were not identified in the EDR database report.
Vapor Intrusion Exposures	X			6.2	

Conclusions

No Recognized Environmental Conditions (RECs), HRECs, or CRECs to the subject site were identified during this Phase I ESA.

Recommendations

Based upon the findings of this Phase I ESA, no additional environmental investigations appear to be warranted at this time.

2. INTRODUCTION

Trammco was authorized to proceed with this Phase I ESA by Mr. Sam Jackson. This report is intended for the exclusive use of Black Mountain Energy Storage, “the User” of this report.

2.1. Purpose

The purpose of the ASTM Phase I Practice is to define good commercial and customary practice for conducting environmental site assessments for purposes of CERCLA’s innocent landowner defense. The User’s objectives in commissioning the services include, but are broader than, satisfying the “all appropriate inquiry” requirement of that statutory defense.

This Phase I ESA was intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions (RECs), historical RECs (HRECs), and controlled RECs (CRECs) in connection with the site. As defined by Section 3.2.73 of ASTM E 1527-21, “The term recognized environmental conditions means (1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.”

The term HREC as used throughout this report, is cited from Section 3.2.39 of ASTM E 1527-21. This term is defined as “a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition.”

The term CREC as used in this report, is cited from Section 3.2.17 of ASTM E 1527-21. This term is defined as a “recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation

of required controls (for example, activity and use limitations or other property use limitations).” Controlled contamination on a property could still pose ongoing or future obligations for the owner, such as special precautions during development. Properties that may be present in this category would be those with deed restrictions, vapor barriers, or other engineering controls designed to eliminate or otherwise limit exposure pathways to human and / or environmental receptors.

2.2. Scope of Work

The scope of work for the Phase I ESA includes the following items:

- An on-site inspection of the subject property to evaluate current conditions and identify areas of potential environmental concern;
- A review of property history through interviews, aerial photographs, city directories, and historical mapping;
- Observation of adjacent properties and the local area to evaluate the potential for adverse environmental impact to the subject property;
- Interviews/research of local city/county, tribal, state, and federal records, including contracting of Environmental Data Resources, Inc. (EDR) to identify sites of concern as required in the regulatory records review section of the ASTM standards for a Phase I ESA, where available;
- Interviews with knowledgeable persons regarding the site and/or nearby properties.

Photographs of the site and surrounding areas were taken to document current conditions and are included in Appendix B. Items obtained from the EDR report, which included historical aerial photographs, historical topographical maps, a regulatory records review, Sanborn fire insurance maps, and a city directory search, are presented in Appendices C through G. Property environmental records, reports, or permits, reasonably obtainable during the Phase I ESA, were reviewed and are included in Appendix H. A copy of the Environmental Questionnaire completed by the current owner is presented in Appendix I.

2.3. Auditors

The Trammco Phase I ESA team is comprised of environmental professionals who represent a variety of environmental disciplines. Key environmental professionals involved in this ESA have a combined 30+ years of experience in environmental consulting and engineering, including Phase I and Phase II ESAs.

The site visit was performed on October 13, 2022, by Pierce Milligan. This report was completed by Mr. Milligan at the direction and under the supervision of Matt Trammell. Mr. Trammell meets the definition of Environmental Professional as defined in § 312.10 part of 40 CFR 312. He has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject site.

2.4. Limitations

The scope of services for this ESA and the performance of the professional services rendered were in general accordance with the current industry practices, as conducted by similarly qualified practitioners. The scope of work included the general provisions of the ASTM E 1527-13 and 1527-21 Standards, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

The Phase I assessment was limited to visual observation of surface conditions at the site and a review of reasonably ascertainable data. For the purposes of this ESA, reasonably ascertainable data are defined as a regulatory database, historical aerials, and topographic maps that could be readily obtained through a commercial source, information provided by representatives of the site, and interview information that could be reasonably obtained from individuals familiar with the site and its history. The information obtained was not further verified, unless the information was known to be incorrect or conflicted with other information that was obtained. In addition, unidentified facilities, which are required to comply with environmental regulations, may be present within the search distance but were not documented in regulatory agency records. Trammco does not guarantee the completeness or accuracy of the regulatory agency database records.

The Phase I ESA was intended to reduce, but not eliminate, uncertainty regarding the potential for various RECs in connection with the site. In addition, this assessment did not include a regulatory compliance evaluation, including local, state, and federal permitting and reporting requirements. State and federal regulations are subject to change. Certain inspections, such as, but not limited to, those listed below, are not within this scope of work.

- Regulatory compliance
- Health and safety, and industrial hygiene
- Asbestos-containing building materials and lead-based paint
- Radon and other naturally occurring radioactive materials
- Indoor air quality
- Drinking water quality, including lead in drinking water
- Health effects of electromagnetic radiation from high-voltage power lines
- Naturally occurring toxins in the subsurface soils, rocks, water, or toxicity of on-site flora
- Biological hazards
- Floodplain areas, and geological faults
- Ecological resources
- Cultural and historical resources
- Subsurface contamination

2.5. Phase I ESA Component Viability Dates

Section 4.6 of the ASTM E 1527-13 and 1527-21 states that the following components of the Phase I ESA are considered viable when completed within 180 days of an acquisition/transaction. Relevant viability dates for various components of this Phase I ESA are as follows:

- The current owner was interviewed as part of this Phase I ESA. The interview questions were answered by the owner to the best of their ability on November 14, 2022.
- A regulatory database report was obtained from EDR on October 4, 2022.
- A site visit was conducted on October 13, 2022.
- A declaration by the Environmental Professional dated November 14, 2022, is included in this report.

2.6. Special Conditions and Assumptions

No special conditions were encountered during this Phase I ESA.

The following assumptions are made by Trammco in the preparation of this report. Trammco relied on information derived from secondary sources such as government agencies, the User, designated representatives of the User, property contact, property owner, property owner representatives, computer databases, and personal interviews. Except as set forth in this report, Trammco has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources such as government agencies, the User, designated representatives of the User, property contact, property owner, property owner representatives, computer databases, or personal interviews and has assumed that such information is accurate and complete. Trammco assumes information provided by or obtained from governmental agencies, including information obtained from government websites, is accurate and complete. Groundwater flow, unless otherwise specified by on-site well data, is assumed based on contours depicted on the United States Geological Survey (USGS) topographic maps. Trammco assumes the property has been correctly and accurately identified by the User, designated representative of the User, property contact, property owner, and property owner's representatives.

2.7. Reliance

This report has been prepared solely for use by the User (Black Mountain Energy Storage). This report should not be relied upon by any other parties without written authorization and signed agreement from Trammco.

2.8. Data Gaps

During the completion of this Phase I ESA, not all of the information specified in ASTM E 1527-13 and 1527-21 was available to be viewed or obtained. Therefore, the following items were identified as data gaps:

Data Gap	Sources Consulted to Address Data Gap	Significance
Lien Search	Tax records, interview with current owner	Low
Interviews with past owners	Tax records, historical topographic maps, aerial photos, City Directories, and regulatory database	Low

It is Trammco's opinion that the data gaps listed in the table above would not have provided information that would have changed the conclusions of this report.

Phase I ESA
dated November 14, 2022

3. SITE SETTING

This section of the report includes a general description of the subject site and a discussion of physical and environmental characteristics of the subject site and surrounding area. The environmental setting is generally comprised of the subject site location, topographic setting, surface water features, geology, and hydrogeology in the vicinity of the subject site.

3.1. Location & Physical Setting

The subject site is located along Old Prospect Rd, at 36.9810020, -93.2099000, in Ozark, Christian County, Missouri, and totals approximately 34.16 acres. The subject site has historically consisted of an unimproved tract used for agricultural purposes; the subject site is currently utilized for livestock grazing. The subject site is located approximately 0.26 miles to the west of the Old Prospect Rd and Elk Valley Rd intersection. The immediate surrounding properties include undeveloped land to the north, east, and west and a substation and residence to the south. The subject site and surrounding properties are depicted on Figures 1 and 2, included in Appendix A of this report.

3.2. Current Surrounding Land Use

Land use in the area of the subject site is comprised of residential, commercial, and undeveloped properties. The abutting properties and nearby land use include:

North:	Undeveloped land
East:	Undeveloped land
South:	Old Prospect Rd and electrical substation followed by undeveloped land and residence
West:	Undeveloped land and residence

Based on Trammco's observations, the nearest residential property appears to abut the subject site to the southwest.

3.3. Surface Soils and Geologic Conditions

The subject site is an unimproved tract used for agricultural purposes. According to the Physical Setting Summary provided by EDR, the site is located within an area where the surface soils are classified as Goss, a gravelly silt loam that has moderate infiltration rates and is well drained. The uncoated steel corrosion potential for Goss soils is listed as moderate. According to the EDR report, the subject site and surrounding area is geographically underlain by Osagean and Kinderhookian Series, a Mississippian rock formation of the Paleozoic era.

3.4. Hydrogeological Conditions

Previous hydrogeological studies were not reviewed as part of this ESA.

3.5. Topography and Drainage

Based on site observations and on a review of the 2017 United States Geological Survey (USGS) Selmore and Ozark 7.5-minute Topographic Maps, the subject site and surrounding area sharply slope towards Finley Creek tributaries. The subject site sharply slopes to the northeast and northwest, away from the adjacent substation. The elevation at the subject site is listed at approximately 1,260 feet above sea level. No drainage features were observed on the subject site. A gully was observed in the northeast portion of the subject site. Stormwater appears to exit the subject site to the northeast and the northwest via sheet flow across permeable surfaces. Stormwater that enters the gully appears to exit the subject site to the north via channelized flow. No stormwater was observed during the site visit.

3.6. Flood Plain Map

Flood plains identified on flood insurance and/or land planning maps are areas determined to have a potential for flooding over an extended duration. These maps are generally produced by the U.S. Federal Emergency Management Agency (FEMA) and are used for both flood insurance rating and flood plain management purposes. Since hydrologists have no means of accurately predicting floods, these flood plain areas are identified using the highest stream gauge measurement or highest predicted stream elevation along with other site and area-related engineering factors that affect flood waters reviewed.

According to the EDR report, the subject site is located in FEMA Flood Plain Panel 29043C0230C however the subject site is not located in a Special Flood Hazard Area.

3.7. Wetlands

Wetlands, according to the Corps of Engineers Wetland Delineation Manual (1987), are defined as those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, under normal circumstances, vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas. National Wetlands Inventory (NWI) maps are produced by the United States Department of the Interior from stereoscopic analysis of aerial photographs.

Trammco reviewed USGS Topographic and National Wetlands Inventory maps for the subject site. Based on information reviewed, the two ponds observed at the subject site are regulated wetlands.

4. SITE & OPERATIONS INFORMATION

On October 13, 2022, Trammco conducted a site assessment by walking the subject site and observing the surrounding properties.

A visual inspection of the site conditions, the current site use, and potential chemical and waste and management activities was performed. The site was inspected for the presence of ASTs and potential indications of past or present USTs. A general evaluation of the site drainage was conducted as well. Other site features included in the assessment were potential polychlorinated biphenyls (PCB)-containing materials, railroads, water and oil/gas wells, pipelines, and utilities. The site reconnaissance was performed to identify apparent indications of past or present activities that could have potentially impacted the subject site and to determine if the potential impact could potentially result in vapor intrusion exposure concerns. Photographs documenting conditions of the site during the site reconnaissance are included in Appendix B. A general description of the overall findings is included in the table below.

Property Improvement Summary	
Size of Property (approximate)	34.16 acres
General Topography of Property	Sharply slopes to the northeast and northwest
Adjoining and/or Access/Egress Roads	Old Prospect Rd adjoining to the south
Paved or Concrete Areas (including parking)	N/A
Unimproved Areas	Subject site is unimproved land
Landscaped Areas	N/A
Surface Water	Two freshwater ponds were observed at the subject site, in the northwest portion of the property and along the eastern property boundary
Potable Water Source	N/A
Sanitary Sewer Utility	N/A
Storm Sewer Utility	N/A

Property Improvement Summary	
Electrical Utility	N/A
Natural Gas Utility	N/A
Current Occupancy Status	N/A
Number of Buildings	None
General Building Description	N/A
Number of Floors	N/A
Total Square Feet of Space (approximate)	N/A
Construction Completion Date (year)	N/A

4.1. Current Site Description

The approximate 34.16-acre subject site is an unimproved tract of land used for agricultural operations that is located along Old Prospect Rd, at 36.9810020, -93.2099000, in Ozark, Missouri. The subject site is currently utilized for livestock grazing. Freshwater ponds, identified as regulated wetlands, were observed along the eastern property boundary and in the northwest portion of the subject site. Cattle pens overgrown with native vegetation are located in the eastern portion of the subject site. The subject site sharply slopes to the northeast and the northwest, away from the adjacent substation. A gully was observed in the northeast portion of the subject site. The subject site and surrounding properties are depicted on the following figures included in Appendix A:

- Figure 1. Site Location Map
- Figure 2. Site Aerial Photograph

4.2. Current Site Use

The subject site is currently unimproved land used for agricultural purposes.

4.2.1. **Storage Tanks**

No active storage tanks were observed at the subject site during the site visit.

4.2.2. **Hazardous and Petroleum Products Containers/Drums**

No hazardous or petroleum containers were observed during the site visit.

4.2.3. **Heating and Cooling**

No heating or cooling units were observed during the site visit.

4.2.4. **Hazardous & Nonhazardous Waste Management**

No hazardous or nonhazardous waste is currently stored and/or generated at the subject site.

4.2.5. **Sewage Disposal/Septic Tanks**

No sewage disposal, septic tanks, or drain fields were observed during the site visit.

4.2.6. **Polychlorinated Biphenyl-Containing Electrical Equipment**

No PCB-containing equipment was observed during the site visit.

4.2.7. **Water Supply and Wells**

No water supply wells were observed during the site visit.

4.2.8. **Drains and Sumps**

No drains or sumps were observed at the subject site during the site visit.

4.2.9. Pits, Ponds, Lagoons, and Surface Waters

No pits or lagoons were observed on the subject site. A freshwater pond was observed in the northwest portion of the subject site and along the eastern property boundary. A gully was observed in the northeast portion of the subject site.

4.2.10. Stained Soils/Stressed Vegetation

No staining or stressed vegetation was observed on the subject site.

4.2.11. Odors

No odors were observed on the subject site.

4.2.12. Utilities

The following utilities are currently provided to the subject site:

Water: N/A
Sewer: N/A
Stormwater: N/A
Electricity: N/A
Natural Gas: N/A

4.2.13. Chemical Use

No chemical use was observed during the site visit.

4.2.14. Wastewater & Stormwater

Stormwater is anticipated to exit the subject site to the northeast and the northwest via sheet flow across permeable surfaces. Stormwater is also anticipated to enter the gully in the northeast portion of the property and exit the subject site via channelized flow to the north. No wastewater is generated by current operations at the subject site. No stormwater or wastewater issues were observed.

4.2.15. Asbestos

An asbestos survey was not included with this ESA.

4.2.16. Radon

A radon assessment was not included with this ESA.

4.2.17. Lead-based Paint

A lead-based paint assessment was not included in this ESA.

4.2.18. Air and Emission Sources

No air emissions sources were identified on the subject site during the site visit.

5. ASSESSMENT OF PAST LAND USE & OPERATION

5.1. Past Property Use

The past use of the subject site was assessed from a review of standard historical sources and other secondary sources as defined in the annotated ASTM E 1527-13 and 1527-21 Standards. The historical sources consulted during the completion of this report included historical aerial photographs and topographic maps, Sanborn maps (where available), city directories, the regulatory database, and interviews with knowledgeable parties.

5.2. Aerial Photographs

Aerial photographs were reviewed for land use that may have had a detrimental effect on the subject site. Trammco contracted EDR to provide historical aerial photographs of the subject site and surrounding properties. The following aerial photographs were provided by EDR and are included in Appendix C.

Date: 1952
Scale: 1" = 500'

Description: The subject site and surrounding area are vastly undeveloped land that appears to be used for agricultural purposes. The freshwater pond along the eastern property boundary can be seen on the subject site. The gully in the northeast portion of the subject site is visible. Buildings can be seen to the north and south of the subject site.

Date: 1955
Scale: 1" = 500'

Description: The subject site and surrounding area appear generally unchanged.

Date: 1968
Scale: 1" = 500'

Description: The subject site appears generally unchanged. The agricultural building to the north of the subject site has been removed.

Date: 1979
Scale: 1" = 500'

Description: The freshwater pond can now be seen in the northwest portion of the subject site. The subject site generally appears in its current configuration. An agricultural building has been developed to the northeast of the subject site.

Date: 1983
Scale: 1" = 500'

Description: The subject site and surrounding area appear generally unchanged.

Date: 1990
Scale: 1" = 500'

Description: The subject site appears generally unchanged. Residential development can be seen to the southwest of the subject site, including the adjacent property.

Date: 1996
Scale: 1" = 500'

Description: The subject site appears generally unchanged. Residential development can be seen to the southeast of the subject site.

Date: 2006
Scale: 1" = 500'

Description: The subject site and surrounding area appear generally unchanged.

Date: 2009
Scale: 1" = 500'

Description: The subject site appears generally unchanged. An electrical substation has been developed adjoining the subject site to the south.

Date: 2012
Scale: 1" = 500'

Description: The subject site and surrounding area appear generally unchanged.

Date: 2016
Scale: 1" = 500'

Description: The subject site and surrounding area appear generally unchanged.

Aerial Photograph Summary

The subject site appears to have always consisted of unimproved land utilized for agricultural activities. The subject site first appeared in its current configuration in the late 1970's after a freshwater pond was developed in the northwest portion of the subject site. A residence predating the 1952 aerial photograph was observed on the adjoining property to the south. Additional residential development took place to the southwest and southeast of the subject site in the late 1980's and 1990's, respectively. The adjoining property to the southwest was developed with a residence in the late 1980's. A trailer park appears to have operated to the northeast of the subject site in the 1990's and early 2000's. An electrical substation was developed along Old Prospect Rd, abutting the subject site to the south, in the late 2000's. The subject site and surrounding area have remained generally unchanged since the late 2000's.

5.3. Historical Topographic Maps

Historical topographic maps dated 1955, 1975, 2004, 2015, and 2017 were reviewed for land use that may have impacted the subject site. The topographic maps appear to be generally consistent with the aerial photographs of the subject site and the surrounding properties. No additional environmental concerns were identified from the review of the available historical topographic maps.

5.4. Sanborn Fire Insurance Maps

Fire insurance maps were first prepared dating back to the late nineteenth century. The Sanborn Company prepared these maps for use by fire insurance companies. Sanborn maps described construction materials in detail and with the advent of retail gasoline service stations, noted the locations of aboveground and underground gasoline storage tanks. Sanborn maps were not available for the subject site.

5.5. City Directories

City Directories, which list property tenants by street address, are typically reviewed to identify past occupants of the subject site and surrounding properties. EDR was contracted by Trammco to obtain available City Directories for the subject site and surrounding properties.

City Directories from 2000 to 2017 were reviewed by Trammco for the subject site and the surrounding properties. The subject site was not identified in the City Directories. All City Directory listings appear to be associated with residential properties other than a church. No RECs were identified in the City Directories.

5.6. Deed Research & Environmental Liens

A chain-of-title is reviewed to aid in establishing historical ownership of a site and to identify on-site business activities that may indicate a type of REC. A chain-of-title search for the site was not requested by the User.

An environmental lien search is conducted to aid in identifying whether the site has been assigned an environmental clean-up lien, or other activity and use limitation, such as engineering controls or institutional controls. A detailed lien search was not requested by the User.

Trammco researched the Christian County Tax Assessor website for information regarding the subject site. According to the website, the subject site is comprised of Christian County Tax Parcel 18010200000005000 and is currently owned by Natural Bridge LLC. A summary of the information from the tax assessor's website is included in Appendix J of this report.

5.7. Interviews and Contacts

Trammco attempted to interview knowledgeable parties to gain further information on the subject site and surrounding area.

5.7.1. Interviews with Owner/Property Manager

Trammco interviewed the landowner, Mr. Stu Stengar, on November 14, 2022. Mr. Stengar verbally provided information concerning historical and current on-site operations at the subject site. Mr. Stengar was not aware of any environmental related issues on the subject site or the surrounding properties. He indicated the subject site has historically been used in agricultural operations. His verbal responses were written into the sellers Environmental Questionnaire by Trammco personnel which is summarized below and included in Appendix I.

5.7.2. Interviews with Surrounding Properties

Interviews with representatives at surrounding properties were not conducted. Trammco does not believe that these interviews would have altered the conclusions of this assessment.

5.7.3. Interviews with Local Agencies

Interviews with local agencies were not conducted. Trammco does not believe that these interviews would have altered the conclusions of this assessment.

5.7.4. Interview with State Agencies

Trammco performed a records review of available documents for the subject site provided by the MO DNR online portal. All documents and records obtained from online portal are included in Appendix H of this report.

5.8. User Provided Information

The table below provides a summary of the information provided to Trammco by the User.

USER PROVIDED INFORMATION	
Data Type	Information Provided
Environmental Liens; Activity and Land Use Limitations (AUL); and Title Records	No environmental liens or AULs
Specialized User Knowledge	None provided
Commonly Known or Reasonably Ascertainable Information	None provided
Valuation Reduction for Environmental Issues	No
Reason for Performing Phase I ESA	Pre-purchase due diligence
Other User Provided Information	No other documents were provided

5.9. Prior Environmental Studies and File Review

No prior environmental studies for the subject site were provided to Trammco during this Phase I ESA.

5.10. Past Surrounding Land Use

In accordance with the ASTM E 1527-13 and 1527-21 Standards, the history of adjacent properties was assessed via a combined review of aerial photographs, topographic maps, city directories, and interviews. The information reviewed indicated that the subject site has always been unimproved land utilized for agricultural activities. The subject site first appeared in its current configuration in the late 1970's after a freshwater pond was developed in the northwest portion of the subject site.

A residence, predating 1952, is located on the adjoining property to the south. Additional residential development took place to the southwest and southeast of the subject site in the late 1980's and 1990's, respectively. The adjoining property to the southwest was developed with a residence in the late 1980's. A trailer park appears to have operated to the northeast of the subject site in the 1990's and early 2000's. An electrical substation was developed along Old Prospect Rd, abutting the subject site to the south, in the late 2000's. The subject site and surrounding area have remained generally unchanged since the late 2000's.

5.11. Fair Market Value & Specialized Knowledge

According to the current owner, the valuation of the subject site has not been reduced due to potential environmental issues. Furthermore, the current owner does not have any specialized knowledge regarding potential environmental issues at the subject site.

6. DATABASE & GOVERNMENTAL RECORDS REVIEW

Regulatory databases were reviewed to obtain information to satisfy the ASTM E 1527-13 and 1527-21 Standards, and which might indicate the presence of hazardous and/or toxic materials at the subject site or surrounding properties. Trammco contracted with EDR to assist with the acquisition of environmental records. The database report is included in Appendix E.

6.1. Federal and State Regulatory Agency Inquiries

A summary of the regulatory database information is provided in the table below. Each of these regulatory databases, as specified by ASTM, is further described following the table. The subject site was not identified in the EDR Regulatory Database Report.

Database	Radius	Sites Identified
National Priorities List (NPL)	1 Mile	0
Delisted NPL	½ Mile	0
CERCLIS Sites (SEMS)	½ Mile	0
CERCLIS No Further Remedial Action Planned (NFRAP) Sites, SEMS	½ Mile	0
RCRA Corrective Action Treatment Storage and Disposal (TSD) facilities (CORRACTS)	1 Mile	0
RCRA Non-CORRACTS TSD Facilities	½ Mile	0
RCRA Generators	Subject and Adjoining	0
Federal institutional controls / engineering controls	Subject Site	0
Emergency Response Notification System (ERNS)	Subject Site	0
State Hazardous Waste Site (SHWS)	1 Mile	0
Solid Waste Facility	½ Mile	0
Leaking Storage Tanks (LPST)	½ Mile	0
Registered Storage Tanks (UST/AST)	Subject and Adjoining	0
State institutional controls / engineering controls	Subject Site	0
State Voluntary Cleanup (VCP)	½ Mile	0
US Brownfields	½ Mile	0

6.1.1. RCRA TSD Facilities / Waste Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Non-Generators do not presently generate or handle hazardous waste but have in the past. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste. RCRA-CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows The ASTM required search radius for non-corrective action TSDFs encompasses a 1/2-mile radius.

- The EDR search did not identify any CORRACTS, RCRA Generator, or RCRA Non-Generator facilities within the ASTM search radius.

6.1.2. LPST: Leaking Petroleum Storage Tanks and UST/AST Facilities

The leaking petroleum storage tanks (LPST) database, maintained by TCEQ, contains an inventory of reported leaking underground storage tank (UST) and aboveground storage tank (AST) incidents. The ASTM requires a search area for the LPST sites to encompass a 1/2-mile radius of the subject site.

- The EDR database report did not identify any LPST facilities within the 1/2 mile ASTM required search radius.
- The EDR search did not identify the subject site or adjoining properties as a UST or AST facility.

6.1.3. US Brownfields

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment.

- No Brownfields were identified within a 1-mile search radius of the subject site.

6.1.4. Additional Environmental Record Sources

The EDR search also queries several non-ASTM databases as described in the EDR database report.

- The EDR search did not identify any non-ASTM facilities of concern.

6.1.5. Unmappable Sites

The EDR Report also includes USEPA records of unmappable sites which cannot be located due to a lack of sufficient information to correctly identify the sites. The EDR Report is designed to search these records for misidentified or incorrectly catalogued sites in the area specified. The locations of some sites are difficult, if not impossible to plot due to insufficient physical street address information, etc. These sites are reported as “unmappable” because their exact location cannot be determined.

- No unmappable sites were identified in the EDR Report.

6.2. Per- and Polyfluoroalkyl Substances (PFAs)

Following the lead of the proposed ASTM 1527 Standard updates, Truist guidelines require that the Phase I ESA Report include a discussion of per- and polyfluoroalkyl substances (PFAs) as a non-scope item. Trammco has evaluated the current and historical uses of the subject site with respect to the likelihood that these compounds were used on the property or surrounding properties, and whether these compounds are suspected to have resulted in impacts to the Site property. The results of Trammco's evaluation will not constitute a REC, nor be followed by recommendations until such time these chemicals become designated by the EPA as a hazardous substance. Trammco's analysis will be used to communicate potential future risk within Truist. In general, PFAs are a family of synthetic compounds containing thousands of chemicals used in a wide variety of industrial and commercial products such as textiles, leather, aqueous film forming foams (AFFF), metal finishing, semiconductors, paper and food packaging, coating additives, photo lithography, cleaning products, and pesticides. PFAs are persistent in the environment and are resistant to typical environmental degradation processes. As a result, they are widely distributed and are found in soil, sediments, groundwater, air, and tissue across the United States. According to the US EPA, certain PFAs can bioaccumulate in the human body, and there is evidence that exposure to PFAs can lead to adverse health outcomes.

In conclusion, the subject site has historically consisted of agricultural operations. Based on the historical and current usage of the subject site, it is not likely that the historical usage of compounds that typically contain PFAs may have resulted in an environmental release of these substances.

6.3. Vapor Migration

The EDR Vapor Encroachment Screen is included in Appendix K of this report. The subject site and adjoining properties were not listed on the Vapor Encroachment Screen therefore are not considered RECs to the subject site with regard to vapor intrusion.

6.4. Additional Environmental Sources

The ASTM E 1527-13 and 1527-21 Standards provide for review and analysis of additional environmental record sources during the performance of a Phase I ESA at the discretion of the environmental professional. Relevant factors in evaluating whether additional environmental records sources should be reviewed include, but are not limited to:

- The completeness of data provided by standard environmental record sources.
- Whether additional environmental records sources are reasonably ascertainable.
- Whether additional environmental record sources are useful, accurate, and complete in light of the records review objectives.
- Whether additional environmental record sources are customarily obtained pursuant to the type of commercial real estate transaction involved.

No additional environmental source information was reviewed.

Phase I ESA
dated November 14, 2022

7. CONCLUSIONS & RECOMMENDATIONS

Conclusions

No Recognized Environmental Conditions (RECs), HRECs, or CRECs to the subject site were identified during this Phase I ESA.

Recommendations

Based upon the findings of this Phase I ESA, no additional environmental investigations appear to be warranted at this time.

Phase I ESA
dated November 14, 2022

8. QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Qualifications of the environmental professionals involved in the preparation of this report are included in Appendix L.

Phase I ESA
dated November 14, 2022

9. REFERENCES

Environmental Database Reports (EDR) – Inquiry Number 7137674.11s dated October 4, 2022

www.epa.gov

www.fema.gov

www.fwc.gov

www.fws.gov/wetlands/

Phase I ESA
dated November 14, 2022

10. ACRONYMS

ACM	asbestos-containing material
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
bgs	below ground surface
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended, 42 USC § 9601 et seq.)
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System (maintained by EPA)
CFR	Code of Federal Regulations
CORRACTS	facilities subject to Corrective Action under RCRA
EA	environmental assessment
ECRA	Environmental Cleanup Responsibility Act
EDR	Environmental Data Resources, Inc.
EPCRA	Emergency Planning and Community Right to Know Act ((also known as SARA Title III), 42 USC § 11001 et seq.)
ERATS	Emergency Response Notification System
FOIA	United States Freedom of Information Act (5 USC § 552 et seq.)
HREC	historical recognized environmental condition
ISRA	Industrial Site Recovery Act
LBP	lead-based paint
LRS	leaking registered storage tank
LUST	leaking underground storage tank
MSDS	material safety data sheet
NCP	National Contingency Plan
NFRAP	former CERCLIS sites where no further remedial action is planned under CERCLA
NPDES	national pollutant discharge elimination system
NPL	National Priorities List
NVLAP	National Voluntary Laboratory Accreditation Program

OSHA	Occupational Safety and Health Administration
PA CM	presumed asbestos-containing material
PCBs	polychlorinated biphenyls
PLM	polarized light microscopy
PRP	potentially responsible party (pursuant to CERCLA 42 USC § 9607(a))
RCRA	Resource Conservation and Recovery Act (as amended, 42 USC § 6901 et seq.)
RCRIS	Resource Conservation and Recovery Act Information System
ROC	record of communication
RST	registered storage tank
SACM	suspect asbestos-containing material
SARA	Superfund Amendments and Reauthorization Act of 1986 (amendment to CERCLA)
SIC	Standard Industrial Classification
TEM	transmission electron microscopy
TSDf	hazardous waste treatment, storage or disposal facility
USC	United States Code
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	underground storage tank

APPENDIX A
Figures

Phase I ESA
dated November 14, 2022

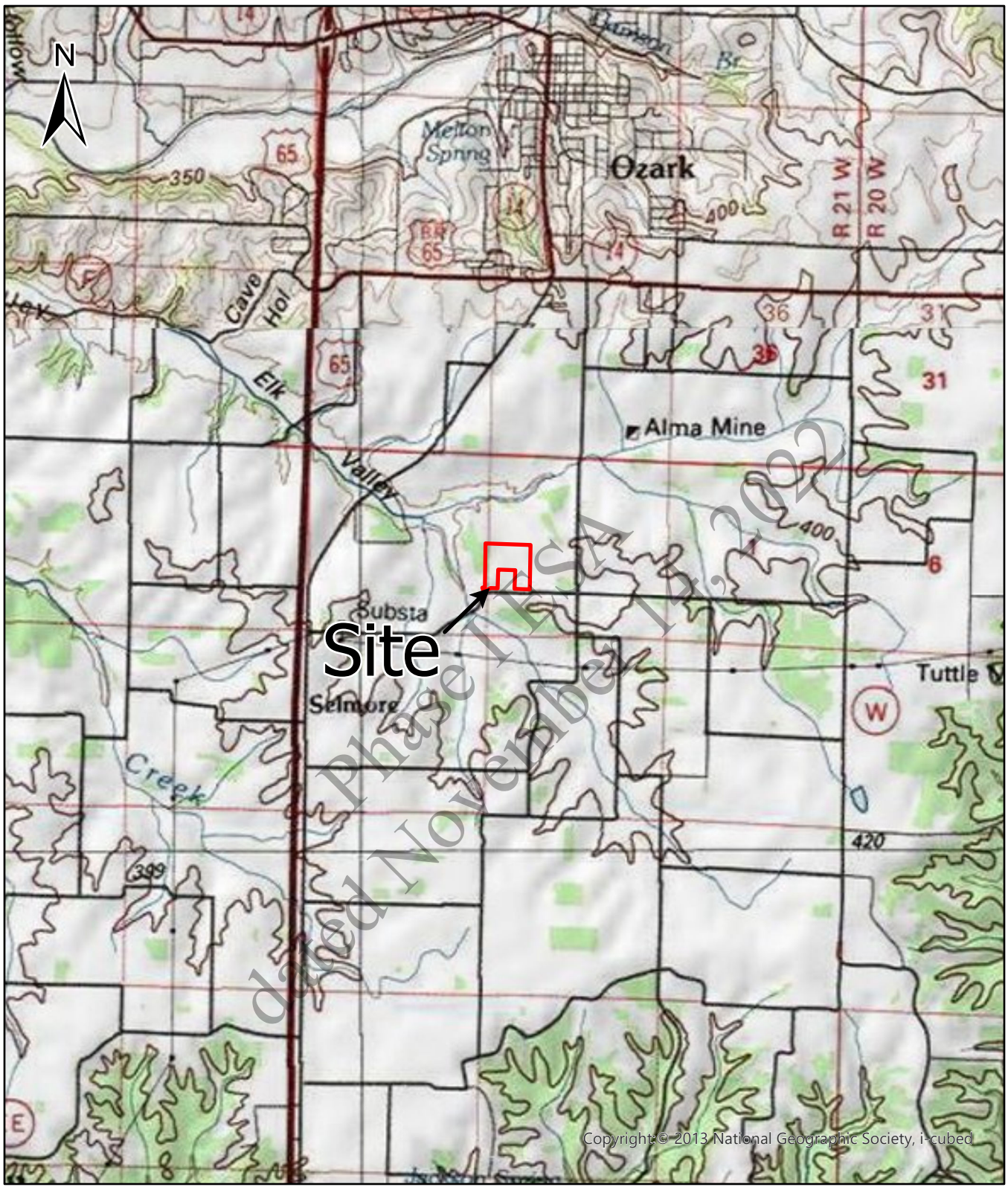
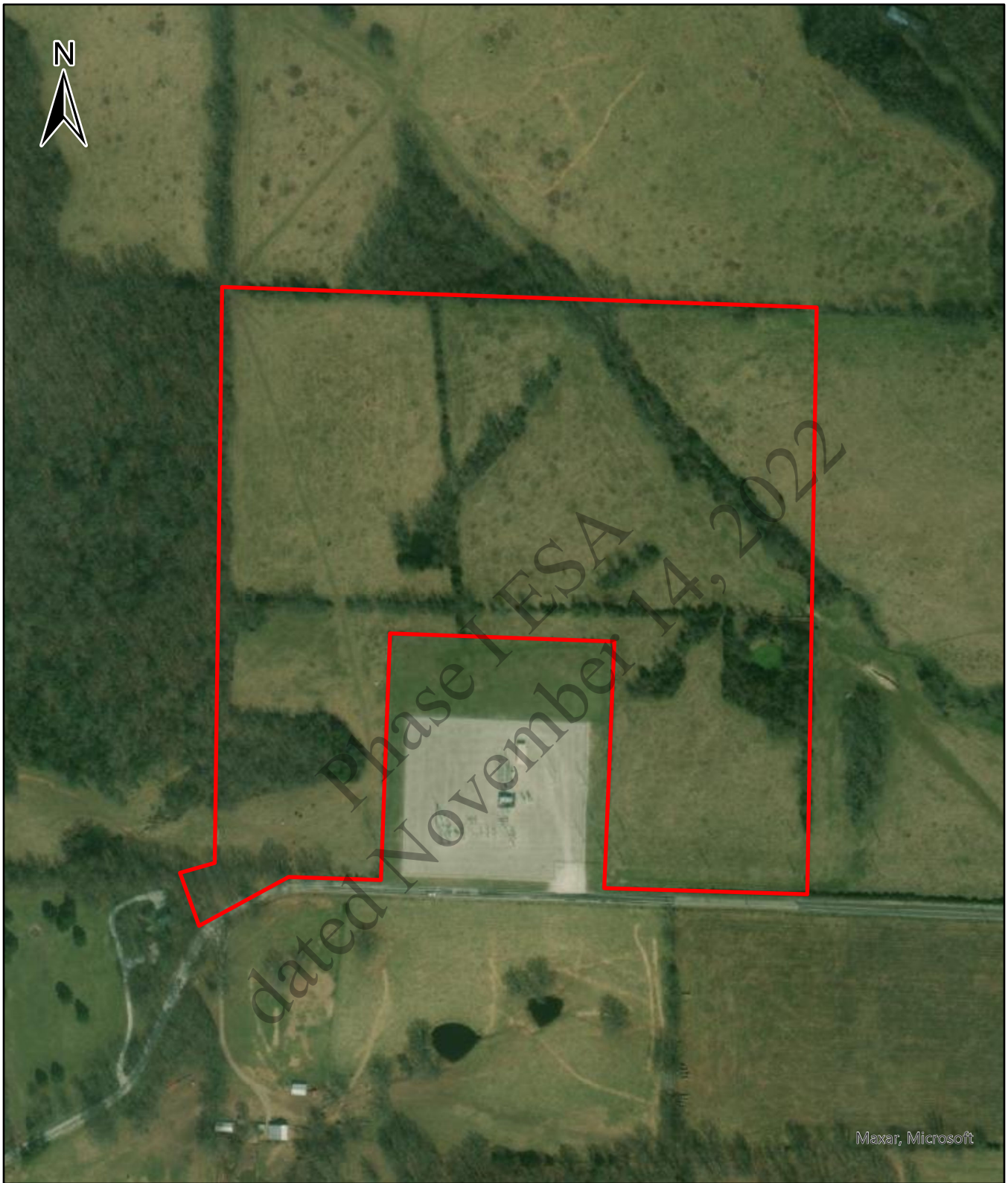


Figure 1
Site Location Map



Ozark South BESS Tract
Old Prospect Road
Ozark, Missouri 65721



Maxar, Microsoft

0 200 400 Feet

Property Boundary

Figure 2
Site Aerial Photograph



Ozark South BESS Tract
Old Prospect Road
Ozark, Missouri 65721

APPENDIX B
Photographic Log

Phase I ESA
dated November 14, 2022



Photograph: 1	<i>View of southeast portion of the subject site.</i>	
<i>Black Mountain Energy Storage</i>		<i>Ozark South BESS Tract Ozark, Missouri</i>



Photograph: 2	<i>View from southern portion of the site facing east.</i>	
<i>Black Mountain Energy Storage</i>		<i>Ozark South BESS Tract Ozark, Missouri</i>



Photograph: 3	<i>View from southern portion of the site facing west.</i>	
<i>Black Mountain Energy Storage</i>		<i>Ozark South BESS Tract Ozark, Missouri</i>



Photograph: 4	<i>View of southwest portion of the site.</i>	
<i>Black Mountain Energy Storage</i>		<i>Ozark South BESS Tract Ozark, Missouri</i>



Photograph: 5	<i>View of vegetation in the southwest portion of the site.</i>	
Black Mountain Energy Storage		Ozark South BESS Tract Ozark, Missouri



Photograph: 6	<i>View of southwest portion of the site.</i>	
Black Mountain Energy Storage		Ozark South BESS Tract Ozark, Missouri



Photograph: 7	<i>View of northwest portion of the site.</i>
<i>Black Mountain Energy Storage</i>	
	<i>Ozark South BESS Tract Ozark, Missouri</i>



Photograph: 8	<i>View from northwest corner of the site facing south.</i>
<i>Black Mountain Energy Storage</i>	
	<i>Ozark South BESS Tract Ozark, Missouri</i>



Photograph: 9 | *View from northwest corner of the site facing east.*

<i>Black Mountain Energy Storage</i>		<i>Ozark South BESS Tract Ozark, Missouri</i>
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Photograph: 10 | *View of pond in the central portion of the site.*

<i>Black Mountain Energy Storage</i>		<i>Ozark South BESS Tract Ozark, Missouri</i>
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Photograph: 11 <i>View of northeast portion of the site.</i>	
Black Mountain Energy Storage	
Ozark South BESS Tract Ozark, Missouri	



Photograph: 12 <i>View of abandoned cattle pins along the eastern property boundary.</i>	
Black Mountain Energy Storage	
Ozark South BESS Tract Ozark, Missouri	



Photograph: 13 | *View of gully located along the eastern property boundary.*

Black Mountain Energy Storage



Ozark South BESS Tract
Ozark, Missouri



Photograph: 14 | *View of vegetation in eastern portion of the site.*

Black Mountain Energy Storage



Ozark South BESS Tract
Ozark, Missouri



Photograph: 15 <i>View of pond in the eastern portion of the site.</i>		
Black Mountain Energy Storage		Ozark South BESS Tract Ozark, Missouri



Photograph: 16 <i>View of southeast portion of the site.</i>		
Black Mountain Energy Storage		Ozark South BESS Tract Ozark, Missouri



Photograph: 17 | *View from Old Prospect Rd facing east.*

Black Mountain Energy Storage



*Ozark South BESS Tract
Ozark, Missouri*



Photograph: 18 | *View from Old Prospect Rd facing west.*

Black Mountain Energy Storage



*Ozark South BESS Tract
Ozark, Missouri*



Photograph: 19 | *View of adjacent substation.*

Black Mountain Energy Storage



*Ozark South BESS Tract
Ozark, Missouri*

Phase I EIS
dated November 14, 2024

APPENDIX C
Aerial Photographs

*Phase I ESA
dated November 14, 2022*

Ozark South BESS Tract

Old Prospect Road

Ozark, MO 65721

Inquiry Number: 7137674.18

October 06, 2022

The EDR Aerial Photo Decade Package

Phase I ESA
dated November 14, 2022



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Site Name:

Ozark South BESS Tract
 Old Prospect Road
 Ozark, MO 65721
 EDR Inquiry # 7137674.18

Client Name:

Trammco Environmental Solutions LLC
 Po Box 16478
 FERNANDINA BEACH, FL 32035
 Contact: Pierce Milligan



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1996	1"=500'	Acquisition Date: April 01, 1996	USGS/DOQQ
1990	1"=500'	Flight Date: February 11, 1990	USGS
1983	1"=500'	Flight Date: March 01, 1983	USDA
1979	1"=500'	Flight Date: September 16, 1979	USDA
1968	1"=500'	Flight Date: February 05, 1968	USGS
1955	1"=500'	Flight Date: December 31, 1955	USGS
1952	1"=500'	Flight Date: February 07, 1952	USGS

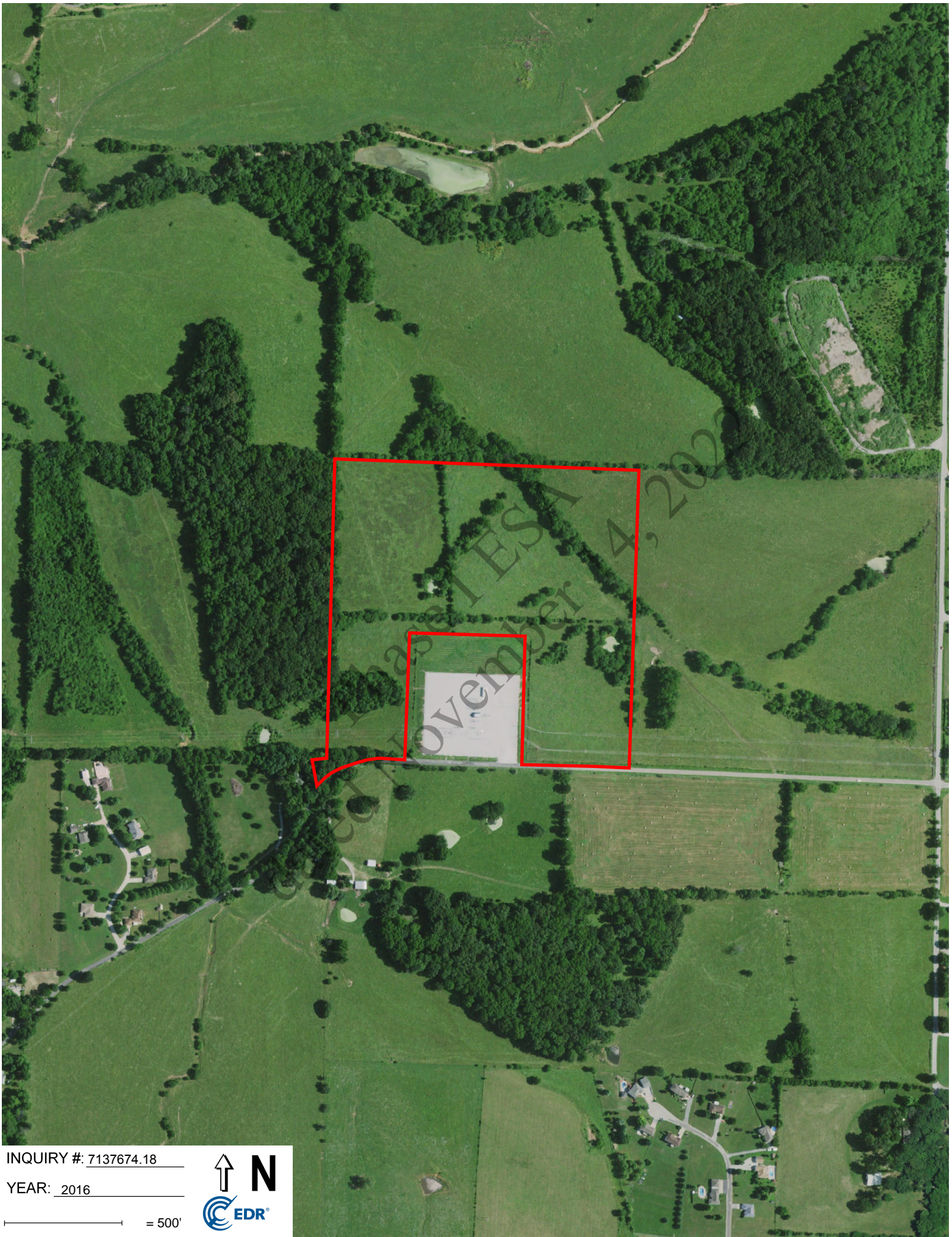
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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INQUIRY #: 7137674.18

YEAR: 2016

— = 500'



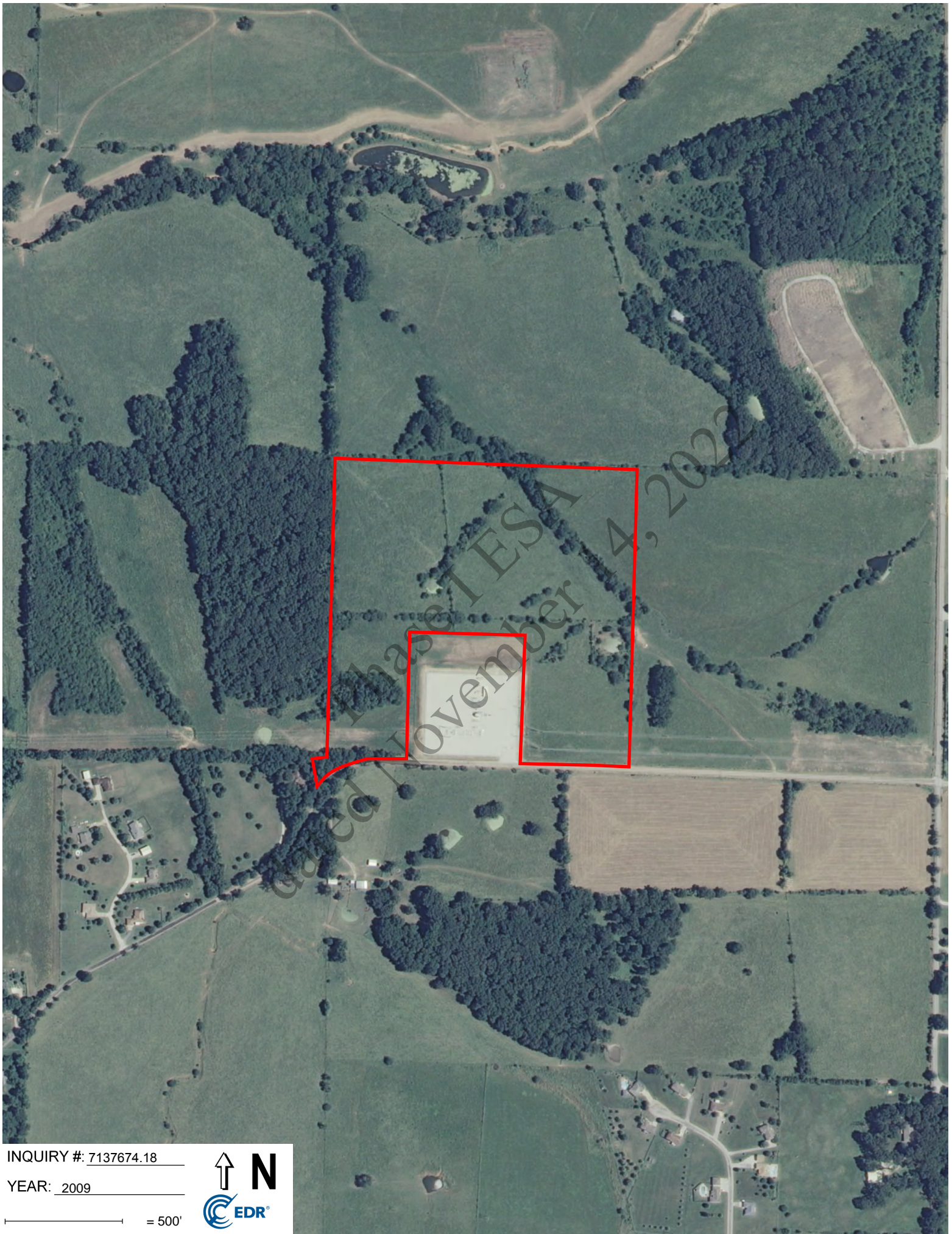


INQUIRY #: 7137674.18

YEAR: 2012

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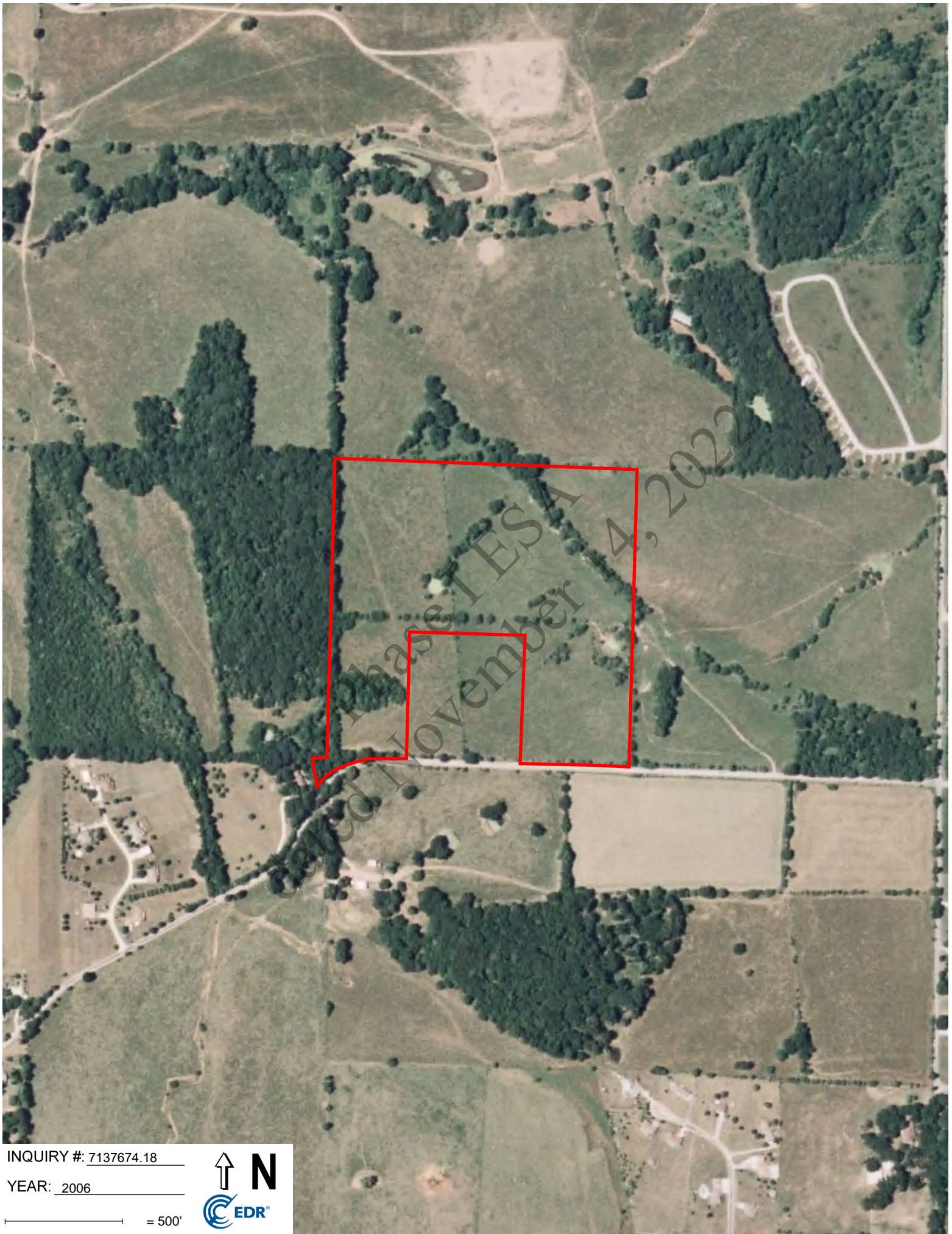


INQUIRY #: 7137674.18

YEAR: 2009

— = 500'





INQUIRY #: 7137674.18

YEAR: 2006

— = 500'



Phase I ESA
dated November 14, 2022

INQUIRY #: 7137674.18

YEAR: 1996

— = 500'



Phase I ESA
dated November 14, 2022

INQUIRY #: 7137674.18

YEAR: 1990

— = 500'



Phase I ESA
dated November 14, 2022

INQUIRY #: 7137674.18

YEAR: 1983

— = 500'





INQUIRY #: 7137674.18

YEAR: 1979

— = 500'



Phase I ESA
dated November 14, 2022

INQUIRY #: 7137674.18

YEAR: 1968

— = 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.

Phase I ESA
dated November 14, 2022

INQUIRY #: 7137674.18

YEAR: 1955

— = 500'



Phase I ESA
dated November 14, 2022

INQUIRY #: 7137674.18

YEAR: 1952

— = 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.

APPENDIX D
USGS Topographical Maps

*Phase I ESA
dated November 14, 2022*

Ozark South BESS Tract

Old Prospect Road

Ozark, MO 65721

Inquiry Number: 7137674.13

October 04, 2022

EDR Historical Topo Map Report

with QuadMatch™

Phase I ESA
dated November 14, 2022



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

10/04/22

Site Name:

Ozark South BESS Tract
Old Prospect Road
Ozark, MO 65721
EDR Inquiry # 7137674.13

Client Name:

Trammco Environmental Solutions LLC
Po Box 16478
FERNANDINA BEACH, FL 32035
Contact: Pierce Milligan



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Trammco Environmental Solutions LLC were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.#	BMES	Latitude:	36.981002 36° 58' 52" North
Project:	Ozark South BESS Tract	Longitude:	-93.2099 -93° 12' 36" West
		UTM Zone:	Zone 15 North
		UTM X Meters:	481319.27
		UTM Y Meters:	4092785.45
		Elevation:	1260.38' above sea level

Maps Provided:

2017
2015
2004
1975
1955

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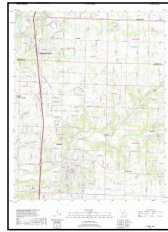
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2017 Source Sheets



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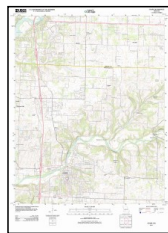


Ozark
2017
7.5-minute, 24000

2015 Source Sheets



Selmore
2015
7.5-minute, 24000



Ozark
2015
7.5-minute, 24000

2004 Source Sheets

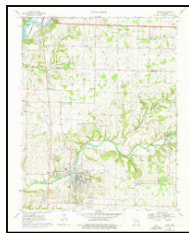


Selmore
2004
7.5-minute, 24000
Aerial Photo Revised 1998

1975 Source Sheets



Selmore
1975
7.5-minute, 24000
Aerial Photo Revised 1975



Ozark
1975
7.5-minute, 24000
Aerial Photo Revised 1968

Phase I ESA
dated November 14, 2022

Topo Sheet Key

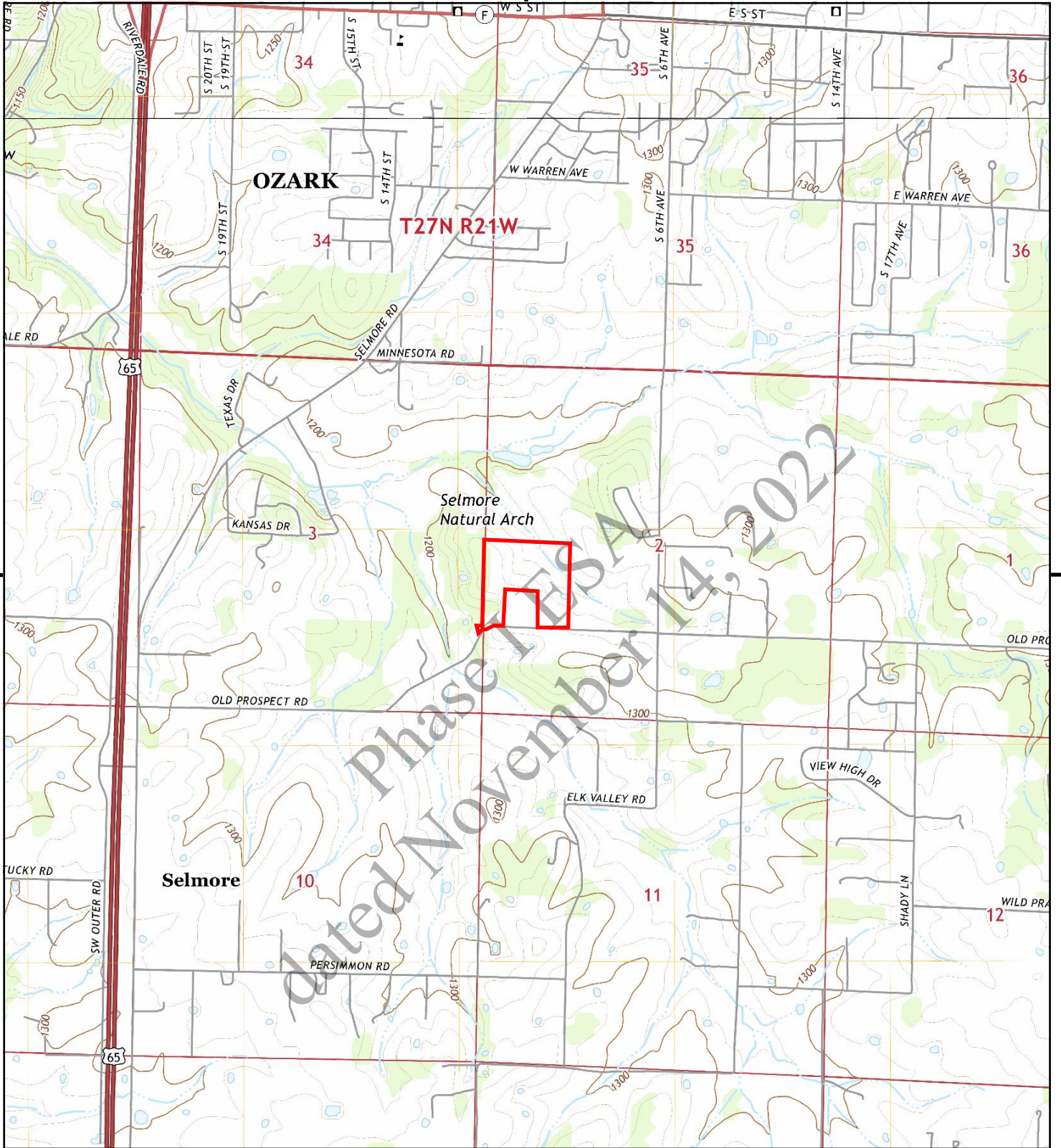
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1955 Source Sheets

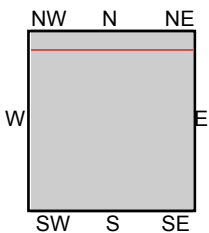


Selmore
1955
7.5-minute, 24000
Aerial Photo Revised 1952

Phase I ESA
dated November 14, 2022



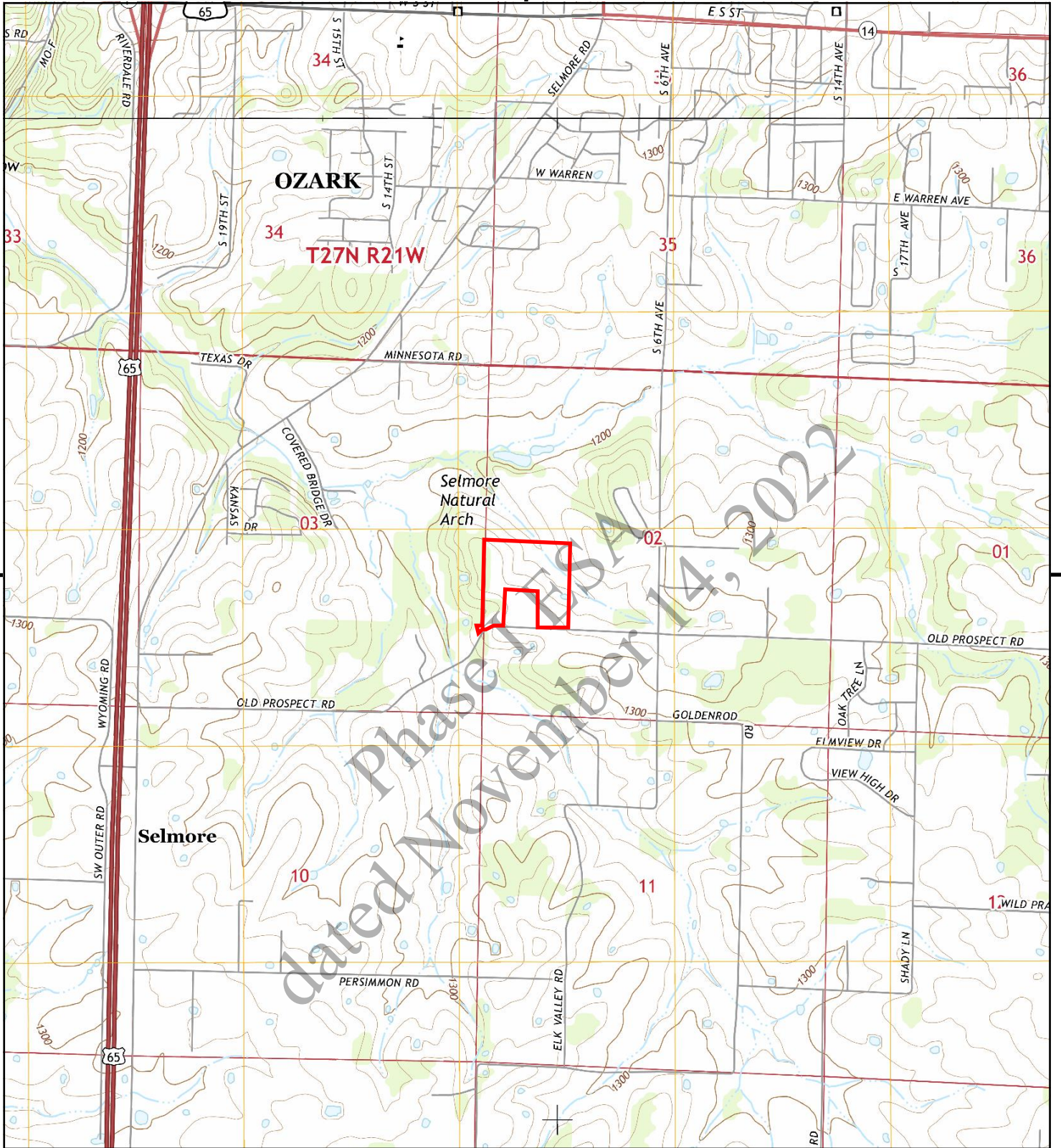
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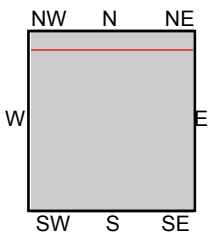
TP, Selmore, 2017, 7.5-minute
N, Ozark, 2017, 7.5-minute

SITE NAME: Ozark South BESS Tract
ADDRESS: Old Prospect Road
Ozark, MO 65721
CLIENT: Trammco Environmental Solutions LLC





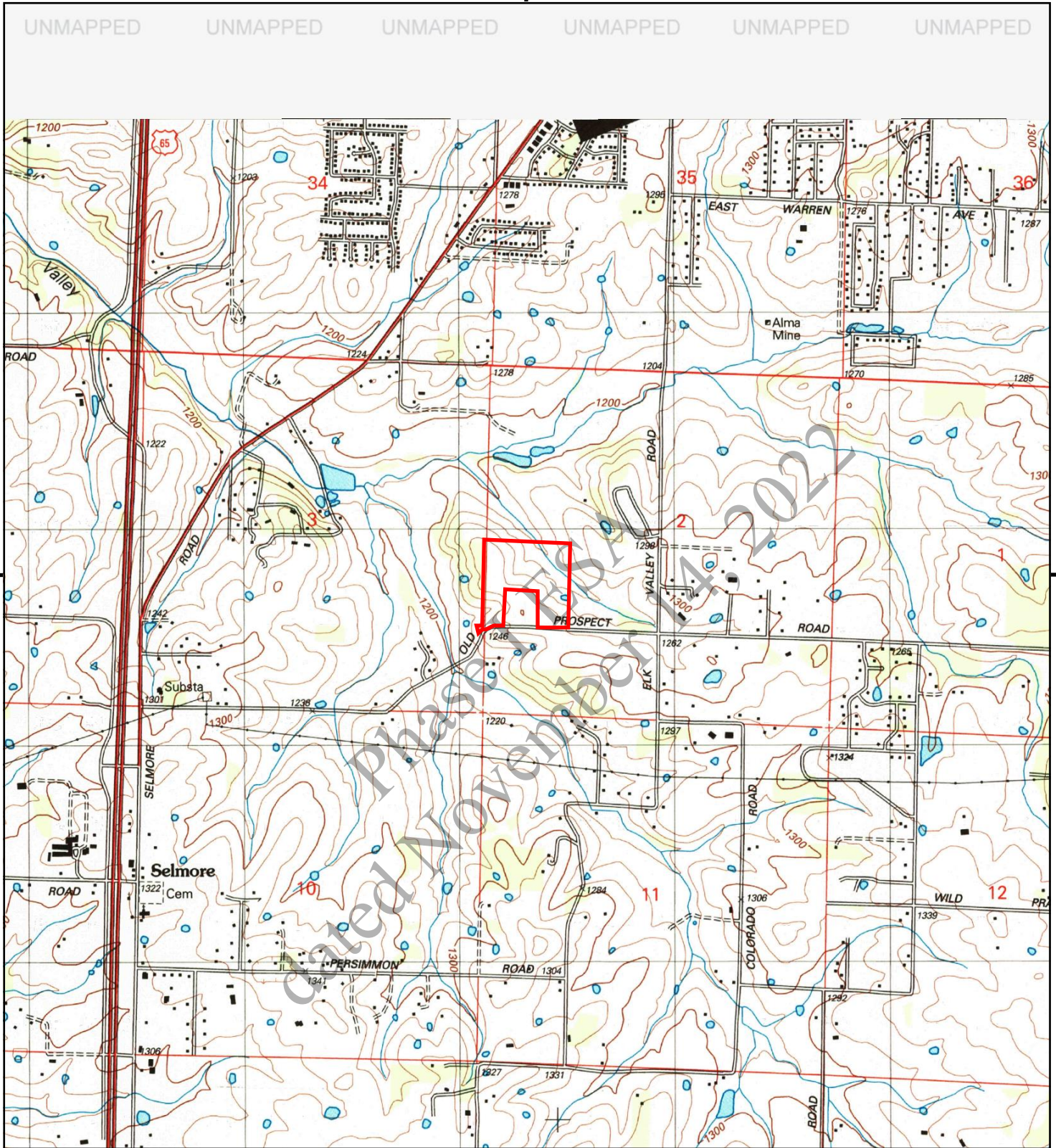
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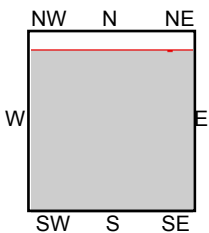
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N, Ozark, 2015, 7.5-minute

SITE NAME: Ozark South BESS Tract
ADDRESS: Old Prospect Road
Ozark, MO 65721
CLIENT: Trammco Environmental Solutions LLC





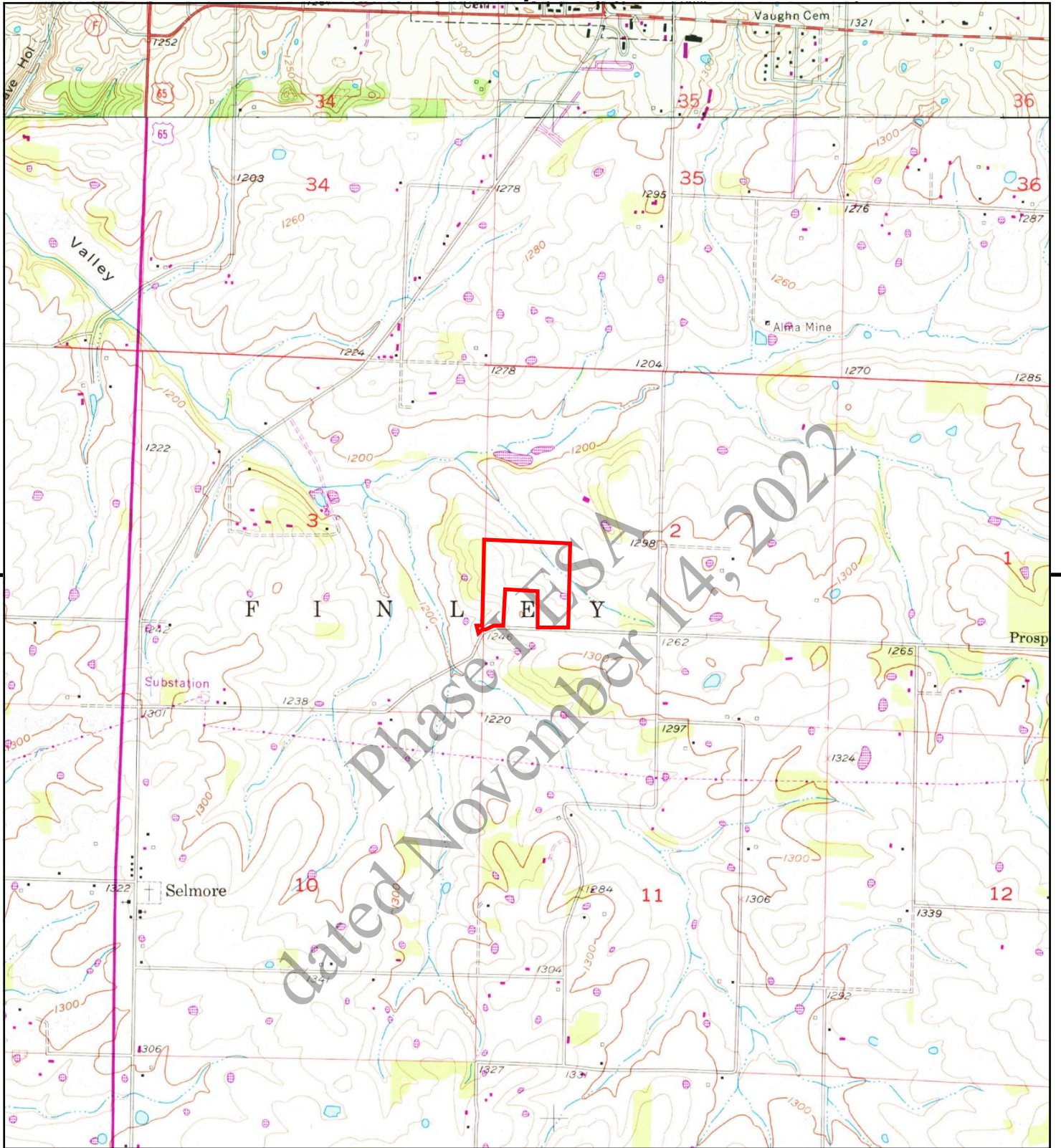
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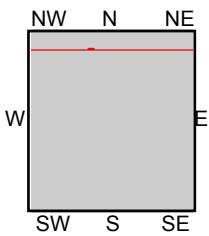
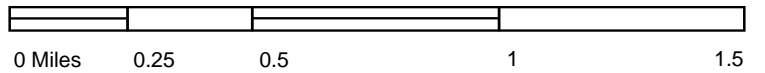
SITE NAME: Ozark South BESS Tract
ADDRESS: Old Prospect Road
Ozark, MO 65721
CLIENT: Trammco Environmental Solutions LLC





dated Phase I ESA, 2022

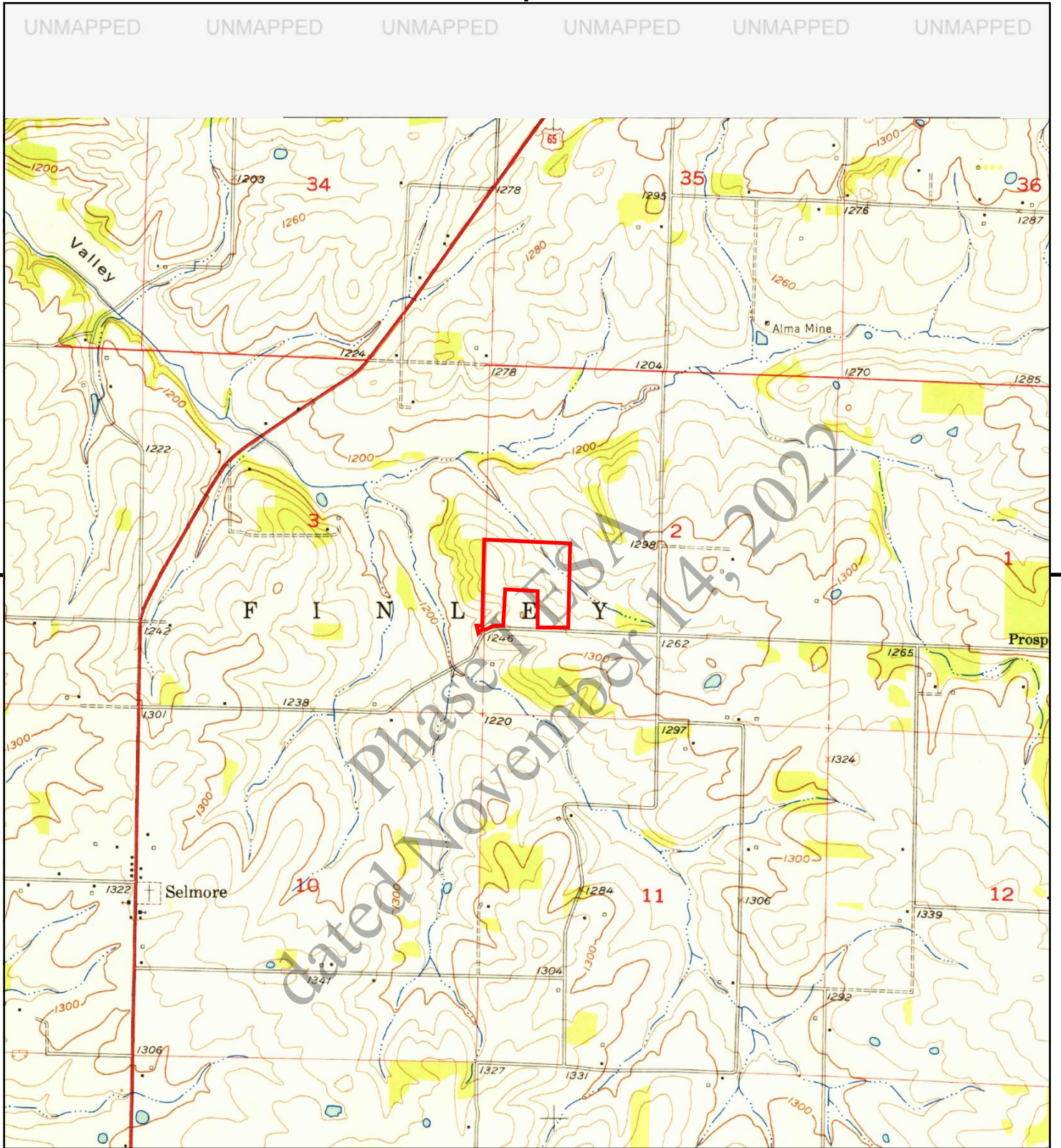
This report includes information from the following map sheet(s).



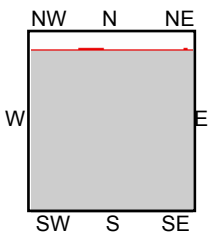
TP, Selmore, 1975, 7.5-minute
N, Ozark, 1975, 7.5-minute

SITE NAME: Ozark South BESS Tract
ADDRESS: Old Prospect Road
Ozark, MO 65721
CLIENT: Trammco Environmental Solutions LLC





This report includes information from the following map sheet(s).



TP, Selmore, 1955, 7.5-minute

SITE NAME: Ozark South BESS Tract
ADDRESS: Old Prospect Road
Ozark, MO 65721
CLIENT: Trammco Environmental Solutions LLC



APPENDIX E
Regulatory Database

Phase I ESA
dated November 14, 2022

Ozark South BESS Tract

Old Prospect Road

Ozark, MO 65721

Inquiry Number: 7137674.11s

October 04, 2022

The EDR Radius Map™ Report with GeoCheck®

Phase I ESA
dated November 14, 2022



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
 Please contact EDR at 1-800-352-0050
 with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

OLD PROSPECT ROAD
OZARK, MO 65721

COORDINATES

Latitude (North): 36.9810020 - 36° 58' 51.60"
Longitude (West): 93.2099000 - 93° 12' 35.64"
Universal Transverse Mercator: Zone 15
UTM X (Meters): 481318.8
UTM Y (Meters): 4092582.2
Elevation: 1260 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 10341930 SELMORE, MO
Version Date: 2017

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140712
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
OLD PROSPECT ROAD
OZARK, MO 65721

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
--------	-----------	---------	-------------------	--------------------	----------------------------

NO MAPPED SITES FOUND

Phase I ESA
dated November 14, 2022

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

EXECUTIVE SUMMARY

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

SHWS..... Registry of Confirmed Abandoned or Uncontrolled Hazardous Waste Disposal Sites

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Permitted Facility List

Lists of state and tribal leaking storage tanks

LUST..... Leaking Underground Storage Tanks
LAST..... Leaking Aboveground Storage Tanks
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
UST..... Petroleum Storage Tanks
AST..... Aboveground Petroleum Storage Tanks
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

AUL..... Sites with Controls

Lists of state and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Site Listing
INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS..... Brownfields Site List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Solid Waste Recycling Facilities
HIST LF..... Solid Waste Facility Database List
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory

EXECUTIVE SUMMARY

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
CDL..... Environmental Emergency Response System
DEL SHWS..... Registry Sites Withdrawn or Deleted
US CDL..... National Clandestine Laboratory Register
PFAS..... PFAS Detections

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Environmental Response Tracking Database
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
US MINES..... Mines Master Index File
ABANDONED MINES..... Abandoned Mines

EXECUTIVE SUMMARY

FINDS.....	Facility Index System/Facility Registry System
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
AIRS.....	Permit Facility Listing
ASBESTOS.....	Asbestos Notification Listing
COAL ASH.....	Coal Ash Disposal Sites
DRYCLEANERS.....	Drycleaners in Missouri Listing
Financial Assurance.....	Financial Assurance Information Listing
MINES.....	Industrial Mineral Mines Database
NPDES.....	Permitted Facility Listing
MO RRC.....	Certified Hazardous Waste Resource Recovery Facilities
SMARS.....	Site Management and Reporting System
UIC.....	Underground Injection Wells Database
MINES MRDS.....	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

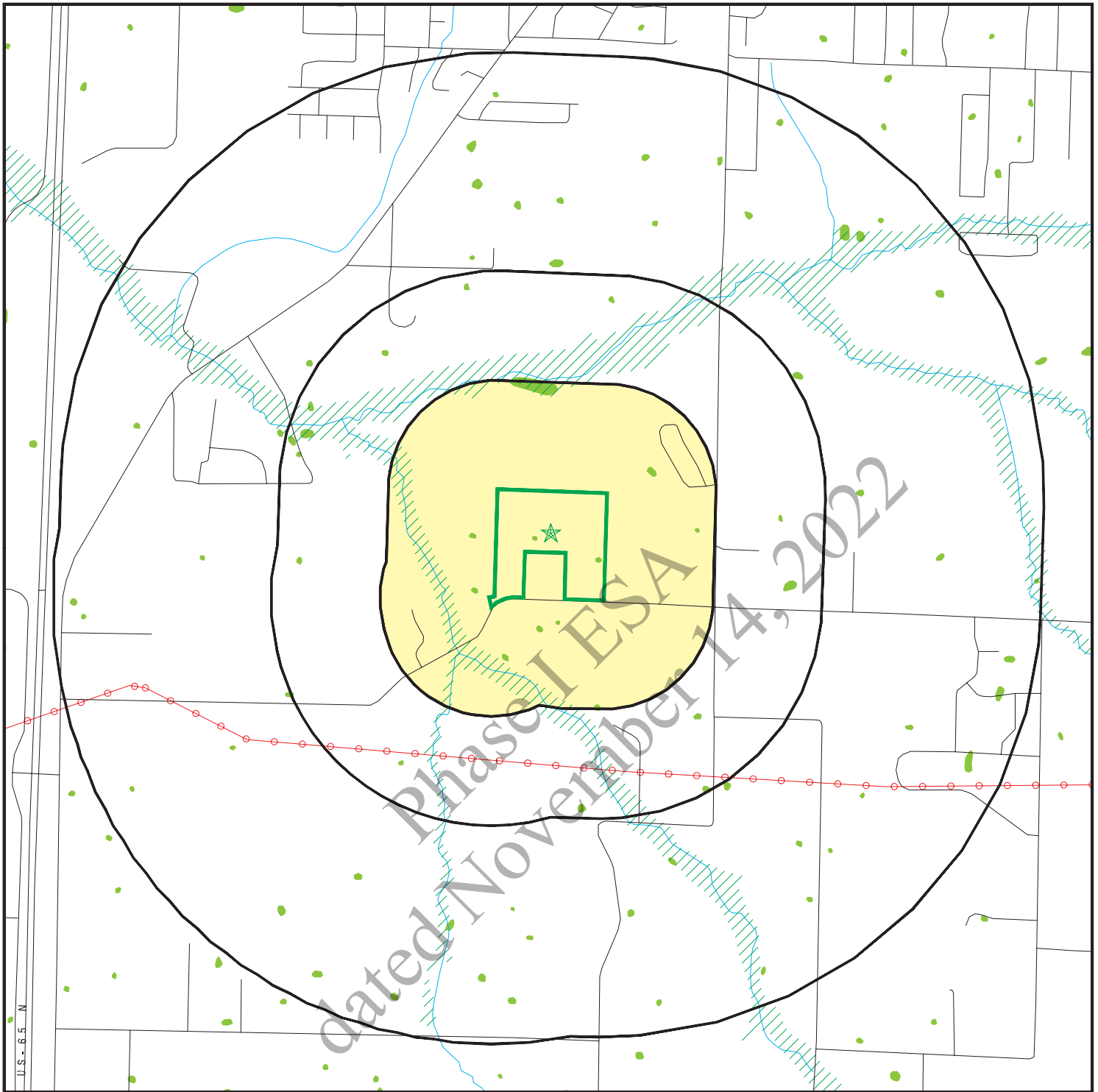
Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY


There were no unmapped sites in this report.


Phase I ESA
dated November 14, 2022

OVERVIEW MAP - 7137674.11S



 Target Property

 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property


 Manufactured Gas Plants

 National Priority List Sites

 Dept. Defense Sites

 Indian Reservations BIA

 Power transmission lines

 Special Flood Hazard Area (1%)

 0.2% Annual Chance Flood Hazard

 National Wetland Inventory

 State Wetlands










This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Ozark South BESS Tract
 ADDRESS: Old Prospect Road
 Ozark MO 65721
 LAT/LONG: 36.981002 / 93.2099

CLIENT: Trammco Environmental Solutions LLC
 CONTACT: Pierce Milligan
 INQUIRY #: 7137674.11s
 DATE: October 04, 2022 4:05 pm

DETAIL MAP - 7137674.11S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites



-  Indian Reservations BIA
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Ozark South BESS Tract
 ADDRESS: Old Prospect Road
 Ozark MO 65721
 LAT/LONG: 36.981002 / 93.2099

CLIENT: Trammco Environmental Solutions LLC
 CONTACT: Pierce Milligan
 INQUIRY #: 7137674.11s
 DATE: October 04, 2022 4:05 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
AUL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWRCY	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
MO RRC	0.001		0	NR	NR	NR	NR	0
SMARS	0.500		0	0	0	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
---------	-------	--	---	---	---	---	----	---

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	0	0	0	0	0	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Phase I ESA
dated November 14, 2022

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO SITES FOUND

Phase I ESA
dated November 14, 2022

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

Phase I ESA
dated November 14, 2022

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/26/2022	Source: EPA
Date Data Arrived at EDR: 08/02/2022	Telephone: N/A
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 09/01/2022
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/10/2022
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 6

Telephone: 214-655-6659

EPA Region 3

Telephone 215-814-5418

EPA Region 7

Telephone: 913-551-7247

EPA Region 4

Telephone 404-562-8033

EPA Region 8

Telephone: 303-312-6774

EPA Region 5

Telephone 312-886-6686

EPA Region 9

Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/26/2022	Source: EPA
Date Data Arrived at EDR: 08/02/2022	Telephone: N/A
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 09/01/2022
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/10/2022
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 09/01/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/06/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/01/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/26/2022	Source: EPA
Date Data Arrived at EDR: 08/02/2022	Telephone: 800-424-9346
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 09/01/2022
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/24/2022
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/20/2022	Source: EPA
Date Data Arrived at EDR: 06/21/2022	Telephone: 800-424-9346
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: 913-551-7003
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: 913-551-7003
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: 913-551-7003
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: 913-551-7003
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/16/2022	Source: Department of the Navy
Date Data Arrived at EDR: 05/19/2022	Telephone: 843-820-7326
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/03/2022
Number of Days to Update: 71	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/16/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/24/2022	Telephone: 703-603-0695
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/17/2022
Number of Days to Update: 66	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/16/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/24/2022	Telephone: 703-603-0695
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/17/2022
Number of Days to Update: 66	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/14/2022
Date Data Arrived at EDR: 06/15/2022
Date Made Active in Reports: 06/21/2022
Number of Days to Update: 6

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/20/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: Registry of Confirmed Abandoned or Uncontrolled Hazardous Waste Disposal Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/26/2022
Date Data Arrived at EDR: 05/13/2022
Date Made Active in Reports: 08/04/2022
Number of Days to Update: 83

Source: Department of Natural Resources
Telephone: 573-751-1990
Last EDR Contact: 08/30/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Annually

HWS DETAIL: Registry Annual Report

Each site is described in detail in this annual report and included the following information: a general description of the site; a summary of any significant environmental problems at and near the site; a summary of any serious health problems in the immediate vicinity of the site; the status of any testing, monitoring or remedial actions in progress or recommended by the department.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 02/25/2022
Date Made Active in Reports: 05/20/2022
Number of Days to Update: 84

Source: Department of Natural Resources
Telephone: 573-751-3176
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Annually

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Solid Waste Facility List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/24/2022
Date Data Arrived at EDR: 05/25/2022
Date Made Active in Reports: 08/11/2022
Number of Days to Update: 78

Source: Department of Natural Resources
Telephone: 573-751-5401
Last EDR Contact: 08/22/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tanks

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 08/29/2022
Date Data Arrived at EDR: 09/01/2022
Date Made Active in Reports: 09/27/2022
Number of Days to Update: 26

Source: Department of Natural Resources
Telephone: 573-751-0135
Last EDR Contact: 09/01/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tanks.

Date of Government Version: 08/29/2022	Source: Department of Natural Resources
Date Data Arrived at EDR: 09/01/2022	Telephone: 573-751-6822
Date Made Active in Reports: 09/27/2022	Last EDR Contact: 09/01/2022
Number of Days to Update: 26	Next Scheduled EDR Contact: 12/19/2022
	Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021	Source: EPA Region 1
Date Data Arrived at EDR: 06/11/2021	Telephone: 617-918-1313
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 06/13/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/20/2022	Source: EPA Region 8
Date Data Arrived at EDR: 06/13/2022	Telephone: 303-312-6271
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 06/02/2022	Source: EPA Region 4
Date Data Arrived at EDR: 06/13/2022	Telephone: 404-562-8677
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 06/13/2022	Telephone: 913-551-7003
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/28/2022	Source: EPA Region 6
Date Data Arrived at EDR: 06/13/2022	Telephone: 214-665-6597
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/13/2022	Telephone: 415-972-3372
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2022	Source: EPA Region 10
Date Data Arrived at EDR: 06/13/2022	Telephone: 206-553-2857
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/11/2022	Source: EPA, Region 5
Date Data Arrived at EDR: 06/13/2022	Telephone: 312-886-7439
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021	Source: FEMA
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-646-5797
Date Made Active in Reports: 02/01/2022	Last EDR Contact: 09/27/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

UST: Petroleum Storage Tanks

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 08/29/2022	Source: Department of Natural Resources
Date Data Arrived at EDR: 09/01/2022	Telephone: 573-751-0135
Date Made Active in Reports: 09/27/2022	Last EDR Contact: 09/01/2022
Number of Days to Update: 26	Next Scheduled EDR Contact: 12/19/2022
	Data Release Frequency: Quarterly

AST: Aboveground Petroleum Storage Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 05/26/2022	Source: Department of Agriculture
Date Data Arrived at EDR: 05/27/2022	Telephone: 573-751-7062
Date Made Active in Reports: 08/11/2022	Last EDR Contact: 08/23/2022
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/12/2022
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 06/13/2022	Telephone: 913-551-7003
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2022	Source: EPA Region 8
Date Data Arrived at EDR: 06/13/2022	Telephone: 303-312-6137
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2022	Source: EPA Region 9
Date Data Arrived at EDR: 06/13/2022	Telephone: 415-972-3368
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/07/2022	Source: EPA, Region 1
Date Data Arrived at EDR: 06/13/2022	Telephone: 617-918-1313
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 06/02/2022	Source: EPA Region 4
Date Data Arrived at EDR: 06/13/2022	Telephone: 404-562-9424
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/28/2022	Source: EPA Region 6
Date Data Arrived at EDR: 06/13/2022	Telephone: 214-665-7591
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/11/2022	Source: EPA Region 5
Date Data Arrived at EDR: 06/13/2022	Telephone: 312-886-6136
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2022	Source: EPA Region 10
Date Data Arrived at EDR: 06/13/2022	Telephone: 206-553-2857
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Sites with Controls

Activity and use limitations include both engineering controls and institutional controls.

Date of Government Version: 05/02/2022	Source: Department of Natural Resources
Date Data Arrived at EDR: 05/09/2022	Telephone: 573-751-3176
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/08/2022
Number of Days to Update: 81	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

VCP: Sites Participating in the Voluntary Cleanup Program

Sites participating in the Voluntary Cleanup Program.

Date of Government Version: 05/02/2022	Source: Department of Natural Resources
Date Data Arrived at EDR: 05/09/2022	Telephone: 573-526-8913
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/08/2022
Number of Days to Update: 81	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/13/2022
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Site List

Brownfields are sites where redevelopment and reuse is hampered by known or suspected contamination with hazardous substances. While many brownfield sites are minimally contaminated, potential environmental liability can be a problem for owners, operators, prospective buyers and financial institutions. Because of the large number of these sites, their economic impact especially in heavily industrial areas is substantial.

Date of Government Version: 05/02/2022	Source: Department of Natural Resources
Date Data Arrived at EDR: 05/09/2022	Telephone: 573-526-8913
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/08/2022
Number of Days to Update: 81	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 02/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/10/2022	Telephone: 202-566-2777
Date Made Active in Reports: 03/10/2022	Last EDR Contact: 09/09/2022
Number of Days to Update: 0	Next Scheduled EDR Contact: 12/26/2022
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Solid Waste Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 03/16/2022	Source: Department of Natural Resources
Date Data Arrived at EDR: 03/17/2022	Telephone: 573-526-3944
Date Made Active in Reports: 06/10/2022	Last EDR Contact: 08/16/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Varies

HIST LF: Solid Waste Facility Database List

This database contains detailed information per site. It is no longer maintained by the Department of Natural Resources. For current information on solid waste facilities/landfills see the SWF/LF database.

Date of Government Version: 04/12/2005	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/19/2006	Telephone: 573-751-5401
Date Made Active in Reports: 08/18/2006	Last EDR Contact: 01/12/2009
Number of Days to Update: 30	Next Scheduled EDR Contact: 04/13/2009
	Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 07/21/2022
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/07/2022
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/12/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/21/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 04/30/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/18/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: No Update Planned

CDL: Environmental Emergency Response System

Incidents reported to the Department of Natural Resources where drug lab materials were involved.

Date of Government Version: 03/15/2022
Date Data Arrived at EDR: 03/16/2022
Date Made Active in Reports: 06/13/2022
Number of Days to Update: 89

Source: Department of Natural Resources
Telephone: 573-751-3443
Last EDR Contact: 08/30/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

DEL SHWS: Registry Sites Withdrawn or Deleted

A list of sites that were removed from the Registry or for which Registry action was suspended due to cleanup.

Date of Government Version: 04/26/2022
Date Data Arrived at EDR: 05/13/2022
Date Made Active in Reports: 08/05/2022
Number of Days to Update: 84

Source: Department of Natural Resources
Telephone: 573-522-3710
Last EDR Contact: 08/30/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Annually

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 04/30/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/18/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS: PFAS Detections
PFAS detection list

Date of Government Version: 03/22/2022
Date Data Arrived at EDR: 03/22/2022
Date Made Active in Reports: 06/16/2022
Number of Days to Update: 86

Source: Department of Natural Resources
Telephone: 517-751-9857
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 09/01/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/19/2022
Date Data Arrived at EDR: 09/19/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 11

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

SPILLS: Environmental Response Tracking Database

Releases of hazardous substances reported to the department's Environmental Emergency Response (EER) section.

Date of Government Version: 03/15/2022
Date Data Arrived at EDR: 03/16/2022
Date Made Active in Reports: 06/13/2022
Number of Days to Update: 89

Source: Department of Natural Resources
Telephone: 573-526-3349
Last EDR Contact: 08/30/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/27/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 50

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/13/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/03/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/03/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/20/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 07/29/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/14/2022
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 08/04/2022
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/14/2022
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/17/2020	Telephone: 202-260-5521
Date Made Active in Reports: 09/10/2020	Last EDR Contact: 09/12/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 12/26/2022
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018	Source: EPA
Date Data Arrived at EDR: 08/14/2020	Telephone: 202-566-0250
Date Made Active in Reports: 11/04/2020	Last EDR Contact: 08/11/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/28/2022
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/18/2022	Source: EPA
Date Data Arrived at EDR: 07/18/2022	Telephone: 202-564-4203
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 07/18/2022
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/26/2022	Source: EPA
Date Data Arrived at EDR: 08/02/2022	Telephone: 703-416-0223
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 09/01/2022
Number of Days to Update: 20	Next Scheduled EDR Contact: 12/12/2022
	Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/04/2022	Telephone: 202-564-8600
Date Made Active in Reports: 05/10/2022	Last EDR Contact: 07/14/2022
Number of Days to Update: 6	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 07/26/2022	Source: EPA
Date Data Arrived at EDR: 08/02/2022	Telephone: 202-564-6023
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 09/01/2022
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2022
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2022	Source: EPA
Date Data Arrived at EDR: 01/20/2022	Telephone: 202-566-0500
Date Made Active in Reports: 03/25/2022	Last EDR Contact: 07/08/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/17/2022
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 09/27/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/10/2022	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 06/14/2022	Telephone: 301-415-7169
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 07/13/2022
Number of Days to Update: 69	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020	Source: Department of Energy
Date Data Arrived at EDR: 11/30/2021	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 08/25/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 12/12/2022
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 08/25/2022
Number of Days to Update: 251	Next Scheduled EDR Contact: 12/12/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 08/04/2022
Number of Days to Update: 96	Next Scheduled EDR Contact: 11/14/2022
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 09/21/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 01/10/2023
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020	Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 07/21/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/07/2022
	Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2022
Date Data Arrived at EDR: 07/21/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 71

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 23

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/08/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/24/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 09/01/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/03/2022
Date Data Arrived at EDR: 08/17/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 14

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 08/01/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 59

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 08/02/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/17/2022
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/14/2022	Source: Department of Interior
Date Data Arrived at EDR: 06/15/2022	Telephone: 202-208-2609
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 09/13/2022
Number of Days to Update: 68	Next Scheduled EDR Contact: 12/19/2022
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/13/2022	Source: EPA
Date Data Arrived at EDR: 05/18/2022	Telephone: (913) 551-7003
Date Made Active in Reports: 05/31/2022	Last EDR Contact: 08/25/2022
Number of Days to Update: 13	Next Scheduled EDR Contact: 12/12/2022
	Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/25/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2022	Telephone: 202-564-2280
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 09/30/2022
Number of Days to Update: 91	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 08/22/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/07/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 50

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Quarterly

AIRS: Permit Facility Listing

A listing of Air Pollution Control Program permits.

Date of Government Version: 11/01/2021
Date Data Arrived at EDR: 11/29/2021
Date Made Active in Reports: 02/24/2022
Number of Days to Update: 87

Source: Department of Natural Resources
Telephone: 573-751-4817
Last EDR Contact: 07/27/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing

The department requires notification of demolitions and abatement projects involving regulated structures at least 10 working days before crews begin a project.

Date of Government Version: 07/04/2022
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/21/2022
Number of Days to Update: 78

Source: Department of Natural Resources
Telephone: 573-751-4817
Last EDR Contact: 10/03/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of power plants with coal ash ponds.

Date of Government Version: 01/03/2018
Date Data Arrived at EDR: 02/01/2018
Date Made Active in Reports: 03/22/2018
Number of Days to Update: 49

Source: Department of Natural Resources
Telephone: 573-526-1825
Last EDR Contact: 09/10/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: No Update Planned

DRYCLEANERS: Drycleaners in Missouri Listing

A listing of drycleaner facilities that are potentially eligible for reimbursement of department approved cleanup costs under the Drycleaning Environmental Response Trust Fund.

Date of Government Version: 11/30/2017
Date Data Arrived at EDR: 12/13/2017
Date Made Active in Reports: 01/18/2018
Number of Days to Update: 36

Source: Department of Natural Resources
Telephone: 573-526-8913
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information.

Date of Government Version: 05/03/2022
Date Data Arrived at EDR: 05/25/2022
Date Made Active in Reports: 08/11/2022
Number of Days to Update: 78

Source: Department of Natural Resources
Telephone: 573-751-3553
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Financial Assurance 2: Financial Assurance Information Listing

Financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 06/30/2021	Source: Department of Natural Resources
Date Data Arrived at EDR: 09/01/2021	Telephone: 573-751-5401
Date Made Active in Reports: 11/22/2021	Last EDR Contact: 09/01/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/12/2022
	Data Release Frequency: Quarterly

MINES: Industrial Mineral Mines Database

This data set contains names, locations and additional data for active Industrial Mineral Mines permitted with the Missouri Department of Natural Resources, Division of Environmental Quality, Land Reclamation Program. Industrial Mineral Mines permitted are rock quarries, clay pits, sand and gravel pits, or in-stream sand and gravel operations.

Date of Government Version: 04/30/2021	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/14/2021	Telephone: 573-751-4041
Date Made Active in Reports: 10/07/2021	Last EDR Contact: 07/14/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 10/24/2022
	Data Release Frequency: Varies

NPDES: Permitted Facility Listing

A listing of permitted facilities from the Water Pollution Branch.

Date of Government Version: 03/28/2022	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/29/2022	Telephone: 573-751-7023
Date Made Active in Reports: 09/16/2022	Last EDR Contact: 09/22/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/10/2023
	Data Release Frequency: Quarterly

RRC: Certified Hazardous Waste Resource Recovery Facilities

Facilities that take hazardous waste material, either from on-site or off-site, and make it re-usable.

Date of Government Version: 09/30/2020	Source: Department of Natural Resources
Date Data Arrived at EDR: 10/06/2020	Telephone: 573-751-3176
Date Made Active in Reports: 12/28/2020	Last EDR Contact: 08/30/2022
Number of Days to Update: 83	Next Scheduled EDR Contact: 12/19/2022
	Data Release Frequency: Annually

SMARS: Site Management and Reporting System

SMARS currently houses information for Superfund, Federal Facility, Brownfields Voluntary Cleanup Program and Missouri's other state response programs.

Date of Government Version: 04/01/2022	Source: Department of Natural Resources
Date Data Arrived at EDR: 04/27/2022	Telephone: 573-751-3043
Date Made Active in Reports: 07/18/2022	Last EDR Contact: 07/25/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/07/2022
	Data Release Frequency: Quarterly

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 01/11/2022	Source: Department of Natural Resources
Date Data Arrived at EDR: 02/15/2022	Telephone: 573-368-2183
Date Made Active in Reports: 05/12/2022	Last EDR Contact: 08/15/2022
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/28/2022
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Missouri.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Missouri.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/15/2014
Number of Days to Update: 198

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Missouri.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/08/2022	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 05/09/2022	Telephone: 860-424-3375
Date Made Active in Reports: 07/28/2022	Last EDR Contact: 08/08/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 10/29/2021	Telephone: 518-402-8651
Date Made Active in Reports: 01/19/2022	Last EDR Contact: 07/29/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/07/2022
	Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/19/2019	Telephone: 717-783-8990
Date Made Active in Reports: 09/10/2019	Last EDR Contact: 07/06/2022
Number of Days to Update: 53	Next Scheduled EDR Contact: 10/24/2022
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020	Source: Department of Environmental Management
Date Data Arrived at EDR: 11/30/2021	Telephone: 401-222-2797
Date Made Active in Reports: 02/18/2022	Last EDR Contact: 08/10/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/28/2022
	Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/19/2019	Telephone: N/A
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 08/29/2022
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/19/2022
	Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media
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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Child Care Facilities

Source: Department of Health & Senior Services

Telephone: 573-751-2450

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: National Wetland Inventory of Missouri

Source: Department of Natural Resources

Telephone: 573-751-5110

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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Phase I ESA
dated November 14, 2022

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

OZARK SOUTH BESS TRACT
OLD PROSPECT ROAD
OZARK, MO 65721

TARGET PROPERTY COORDINATES

Latitude (North): 36.981002 - 36° 58' 51.61"
Longitude (West): 93.2099 - 93° 12' 35.64"
Universal Tranverse Mercator: Zone 15
UTM X (Meters): 481318.8
UTM Y (Meters): 4092582.2
Elevation: 1260 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 10341930 SELMORE, MO
Version Date: 2017

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

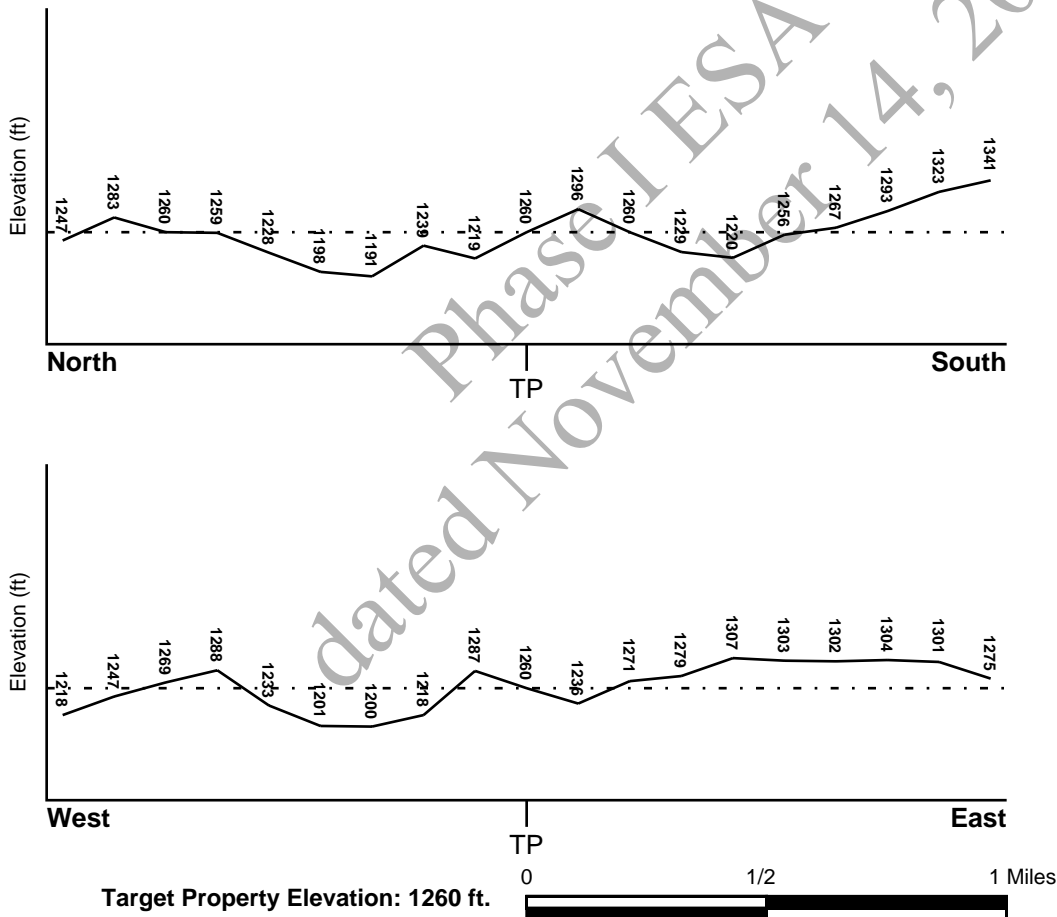
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
29043C0230C	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
Not Reported	

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
SELMORE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Mississippian
Series:	Osagean and Kinderhookian Series
Code:	M1 (decoded above as Era, System & Series)

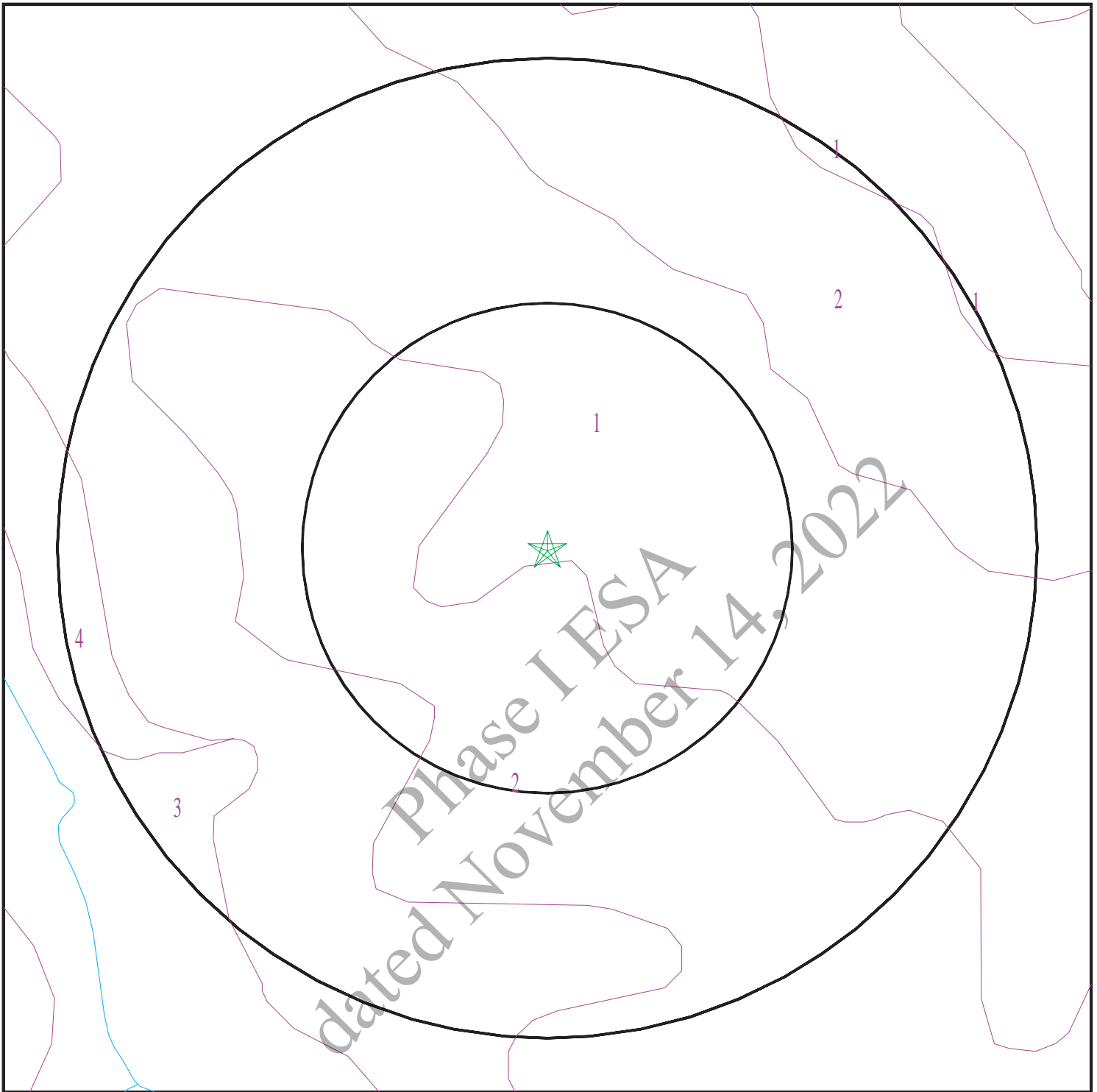
GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

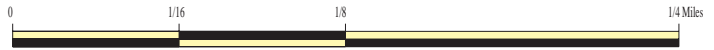
Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

Phase I ESA
dated November 14, 2022

SSURGO SOIL MAP - 7137674.11s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Ozark South BESS Tract
ADDRESS: Old Prospect Road
Ozark MO 65721
LAT/LONG: 36.981002 / 93.2099

CLIENT: Trammco Environmental Solutions LLC
CONTACT: Pierce Milligan
INQUIRY #: 7137674.11s
DATE: October 04, 2022 4:05 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Goss

Soil Surface Texture: gravelly silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14 Min: 4	Max: 6 Min: 4.5
2	5 inches	9 inches	gravelly silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14 Min: 4	Max: 6 Min: 4.5
3	9 inches	61 inches	very gravelly silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14 Min: 4	Max: 6 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Goss

Soil Surface Texture: gravelly silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14 Min: 4	Max: 6 Min: 4.5
2	5 inches	9 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14 Min: 4	Max: 6 Min: 4.5
3	9 inches	61 inches	very gravelly silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14 Min: 4	Max: 6 Min: 4.5

Soil Map ID: 3

Soil Component Name: Cedargap

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 42 Min: 14	Max: 7.3 Min: 5.6
2	11 inches	42 inches	extremely gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 42 Min: 14	Max: 7.3 Min: 5.6
3	42 inches	64 inches	extremely gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 42 Min: 14	Max: 7.3 Min: 5.6

Soil Map ID: 4

Soil Component Name: Peridge

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6 Min: 4.5
2	5 inches	14 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6 Min: 4.5
3	14 inches	64 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6 Min: 4.5

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

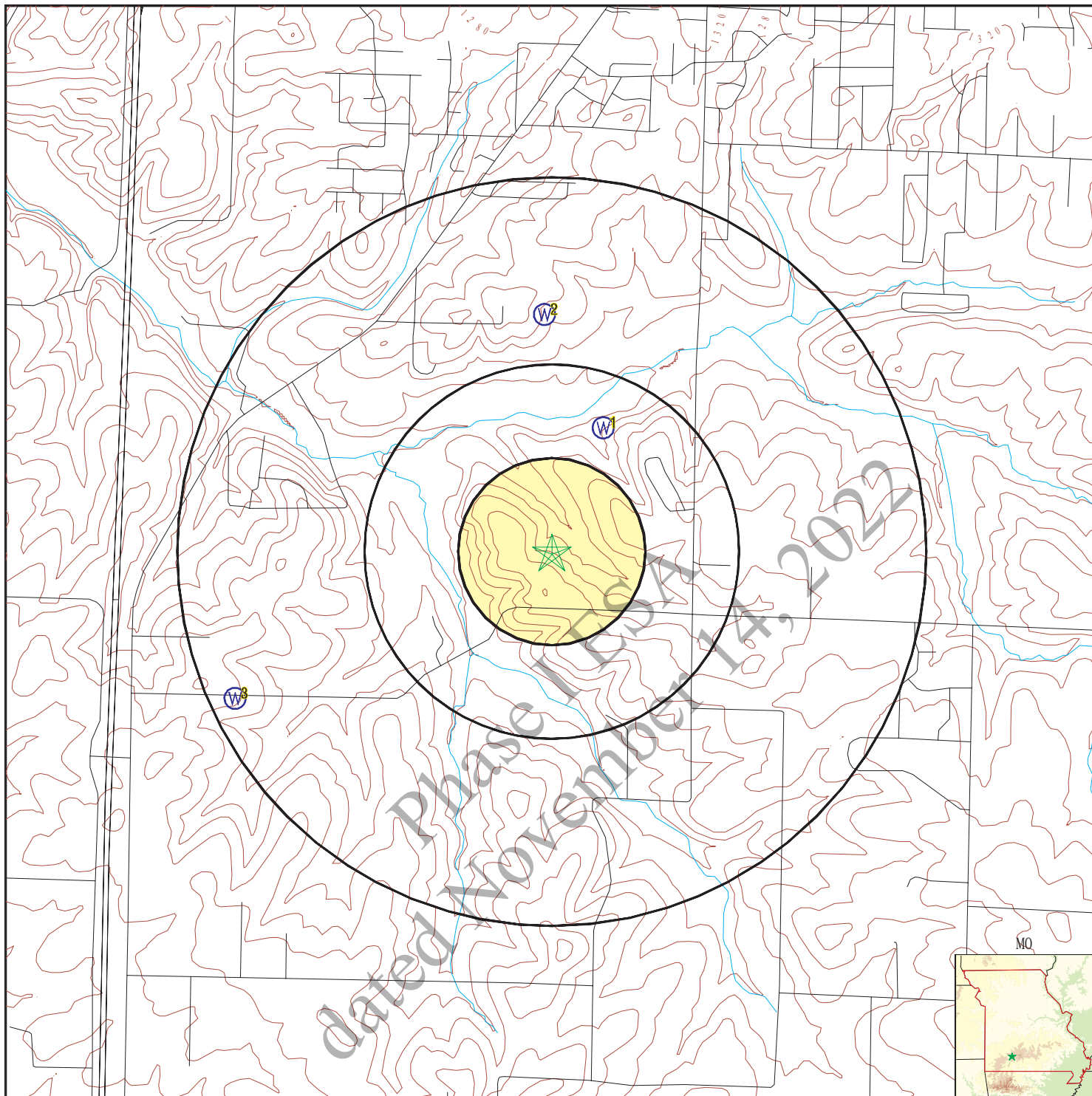
Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	MOLOG1000002498	1/4 - 1/2 Mile NNE
2	MOLOG1000002526	1/2 - 1 Mile North
3	MO7000000000382	1/2 - 1 Mile WSW

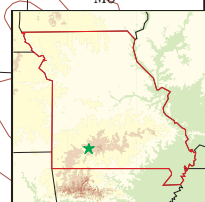
Phase I ESA
dated November 14, 2022

PHYSICAL SETTING SOURCE MAP - 7137674.11s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Oil, gas or related wells



<p>SITE NAME: Ozark South BESS Tract ADDRESS: Old Prospect Road Ozark MO 65721 LAT/LONG: 36.981002 / 93.2099</p>	<p>CLIENT: Trammco Environmental Solutions LLC CONTACT: Pierce Milligan INQUIRY #: 7137674.11s DATE: October 04, 2022 4:05 pm</p>
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
NNE
1/4 - 1/2 Mile
Lower

MO WELLS MOLOG1000002498

Database: Geologic Well Log Database ID: 008971
Elevation: 1255 Static Water Level: 0

2
North
1/2 - 1 Mile
Lower

MO WELLS MOLOG1000002526

Database: Geologic Well Log Database ID: 003807
Elevation: 1288 Static Water Level: 0

3
WSW
1/2 - 1 Mile
Higher

MO WELLS MO700000000382

Database:	Missouri Public Drinking Water Wells		
DGLS ID:	106494	LOGMAIN ID:	2011030
Well Certification #:	00360950		
PWSS Name:	Ozark R-VI School District - Ag. Facility		
PWSS ID:	5173057	IPWS ID:	MO5173057
Well #:	1	Local Name:	Well #1
Well ID:	18607	Facility Type:	School
Federal Water System Type:	Non-Transient, Non-Community		
Status:	Active	Drill Date:	2012
Abandoned:	0	Plugged:	0
Material Type:	Consolidated	Formation at Casing Depth:	Cotter
Formation at Total Depth:	Roubidoux	Total Depth:	615
Ground Elevation:	1300	Top Seal Type:	Cement Grout
Bottom Seal Type:	Cement Grout	Casing Depth:	255
Casing Diameter:	6	Casing Type:	Steel
Casing Elevation:	0	Casing Height:	0
Outer Well Casing Depth:	20	Outer Casing Diameter:	11
Screen Length (ft):	-9999	Screen Size (in):	-9999
Depth to Static Water Level:	160	Max Yield (gal/min):	80
Dynamic Head of Pump:	0	Drawdown:	30
Year of Pump Test:	2012	Pump Type:	Submersible
Pump Manufacturer:	Not Reported	Pump Depth:	3150
Pump Capacity:	25	Has Pump Meter:	Not Reported
Has Stand-by Power:	Not Reported	VOC detections:	Not Reported
Nitrates Detected:	Not Reported	Chlorination Used:	Not Reported
Filtration Used:	Not Reported	GWUDISW:	Not Reported
Meets Construction Requirements:	Not Reported	Surface Drainage:	Not Reported
Water System Entry Point ID:	Not Reported	SWIP Wellhead Status:	Not Verified

dated Chase I ESA November 14, 2022

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: MO Radon

Radon Test Results

Zipcode	Test Date	Result
65721	01/04/08	3.3
65721	01/05/08	0.6
65721	01/14/09	7.7
65721	01/22/08	6.8
65721	02/02/08	3.8
65721	02/02/09	12.9
65721	02/08/08	4.7
65721	02/10/09	1.5
65721	03/29/07	10
65721	02/23/07	4.3
65721	02/24/09	3.7
65721	02/24/09	2.6
65721	03/03/08	7.4
65721	03/07/09	1.6
65721	03/10/05	1
65721	03/22/08	8
65721	07/03/07	2.7
65721	08/30/08	2.1
65721	08/30/08	19.9
65721	08/30/08	????
65721	08/30/08	????
65721	09/02/08	0.8
65721	09/06/08	2.7
65721	09/29/08	7.9
65721	11/01/04	1.2
65721	11/03/08	1
65721	11/15/07	2.2
65721	11/29/07	7.5
65721	11/30/07	10.8
65721	12/06/07	3.1
65721	12/07/07	1.7
65721	12/10/07	< 0.3
65721	12/12/07	2
65721	12/14/07	2.5
65721	12/22/08	????
65721	12/28/07	2.4
65721	12/29/07	5.3
65721	12/30/08	????

Federal EPA Radon Zone for CHRISTIAN County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON**

AREA RADON INFORMATION

Federal Area Radon Information for Zip Code: 65721

Number of sites tested: 3

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	1.167 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

Phase I ESA
dated November 14, 2022

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: National Wetland Inventory of Missouri

Source: Department of Natural Resources

Telephone: 573-751-5110

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Missouri Public Drinking Water Wells

Source: Department of Natural Resources

Telephone: 573-526-5448

Missouri Geologic Well Log Database

Source: Department of Natural Resources

Telephone: 573-526-5448

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

Source: Department of Natural Resources

Telephone: 573-368-2143

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Phase I ESA
dated November 14, 2022

APPENDIX F
Sanborn Maps

Phase I ESA
dated November 14, 2022

Ozark South BESS Tract

Old Prospect Road

Ozark, MO 65721

Inquiry Number: 7137674.12

October 04, 2022

Phase I ESA
dated November 14, 2022
Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

10/04/22

Site Name:

Ozark South BESS Tract
Old Prospect Road
Ozark, MO 65721
EDR Inquiry # 7137674.12

Client Name:

Trammco Environmental Solutions LLC
Po Box 16478
FERNANDINA BEACH, FL 32035
Contact: Pierce Milligan



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Trammco Environmental Solutions LLC were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # A431-424D-A5C1
PO # BMES
Project Ozark South BESS Tract



Sanborn® Library search results

Certification #: A431-424D-A5C1

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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APPENDIX G
City Directory

Phase I ESA
dated November 14, 2022

Ozark South BESS Tract

Old Prospect Road
Ozark, MO 65721

Inquiry Number: 7137674.14
October 07, 2022

The EDR-City Directory Image Report

Phase I ESA
dated November 14, 2022

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by

infoUSA[®]

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive

FINDINGS

TARGET PROPERTY STREET

Old Prospect Road
Ozark, MO 65721

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

OLD PROSPECT RD

2017	pg A1	EDR Digital Archive
2014	pg A2	EDR Digital Archive
2010	pg A3	EDR Digital Archive
2005	pg A4	EDR Digital Archive
2000	pg A5	EDR Digital Archive
1995	-	EDR Digital Archive Street not listed in Source
1992	-	EDR Digital Archive Street not listed in Source

Phase I ESA
dated November 14, 2022

FINDINGS

CROSS STREETS

No Cross Streets Identified

Phase I ESA
dated November 14, 2022

City Directory Images

Phase I EISA
dated November 14, 2022

OLD PROSPECT RD 2017

143	SALMON, BYRON L
201	ORELLANA, JOSE F
337	OUELLETTE, BRIAN A
806	RICHARDSON, LESTER R
813	THORNTON, STEVEN S
1135	WAMMACK, JAMES J
1751	WAMMACK, SAMUEL J
1891	SHRIVER, JAYSON A
1896	LOTZ, CHARLES B
1930	PILGER, ETHAN
1973	DOOLITTLE, BRUCE B
2049	HALE, COREY C
2070	WEATHERMAN, RUDIE
2352	WEAVER, SHAWN J
2380	STOKES, TOM M
2696	BROWN, A
2885	SOLLER, LLOYD R
2932	PROSPECT BAPTIST CHURCH
2946	BAIRD, KERRY
2997	MASON, SETH A
2998	FLETCHER, JEREMY A
3099	HAWKINS, DONALD W

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OLD PROSPECT RD 2014

143 OCCUPANT UNKNOWN,
201 ORELLANA, JOSE F
337 BANTHER, JESSICA R
360 OCCUPANT UNKNOWN,
806 RICHARDSON, LESTER R
810 RICHARDSON, CAVEN
813 THORNTON, STEVEN S
1135 WAMMACK, JAMES J
1751 WAMMACK, SAMUEL J
1798 MORGAN, DOUGLAS W
1891 SHRIVER, JAYSON A
1896 LOTZ, CHARLES B
1930 OCCUPANT UNKNOWN,
1973 DOOLITTLE, BRUCE B
2049 OCCUPANT UNKNOWN,
2070 WEATHERMAN, RUDIE
2280 OCCUPANT UNKNOWN,
2352 WEBB, PHIL E
2380 STOKES, TOM M
2865 WALKER, JOHN N
2885 MYERS, LEONARD I
2932 PROSPECT BAPTIST CHURCH
2946 GRAVES, DANE T
2997 MASON, SETH A
2998 FLETCHER, JEREMY A
3099 HAWKINS, DONALD W

Phase I ESA
dated November 14, 2022

OLD PROSPECT RD 2010

143 PRIME PVC
STEWART, MARIAN
201 ORELLANA, FRANK
337 OCCUPANT UNKNOWN,
806 OCCUPANT UNKNOWN,
810 OCCUPANT UNKNOWN,
813 THORNTON, STEVEN S
1132 FARM MONTGOMERY
1135 WAMMACK, JAMES J
1751 WAMMACK, SAMUEL J
1798 MORGAN, DOUGLAS W
1891 SHRIVER, JAYSON A
1896 FRESHOUR, EARL C
1930 OCCUPANT UNKNOWN,
1973 DOOLITTLE, BRUCE B
2049 MOORE, JOHN R
2280 FOX, CHARLES R
2352 WEBB, PHIL E
2380 STOKES, AARON M
2885 MYERS, LEONARD I
2932 PROSPECT BAPTIST CHURCH
2946 GRAVES, RICHARD A
2997 CRASE, DALLAS D
2998 BOWERMASTER, JOHN E
NANCY LEE CONSTRUCTION
3099 HAWKINS, DONALD W

Phase I ESA
dated November 14, 2022

OLD PROSPECT RD 2005

201 ORLE, FRANK
337 JAMES, R
810 SCHMIDT, ETTA V
813 THORNTON, STEVEN S
1135 WAMMACK, JAMES J
1798 MORGAN, DOUGLAS
1891 SHRIVER, JAYSON A
1896 FRESHOUR, EARL C
1930 OCCUPANT UNKNOWN,
1973 MARSHALL, NORA F
2049 MBA TRANSPORT INC
MOORE, RAY R
2070 WEATHERMAN, ANNETTE
2352 OCCUPANT UNKNOWN,
2380 NATHAN, CHARLES H
2696 SIMPLY HEAVEN DESIGNS
SNIDER, KENNETH D
2885 OCCUPANT UNKNOWN,
2932 PROSPECT BAPTIST CHURCH
2946 GRAVES, DANE
2997 MASON, LEE A
2998 BOWERMASTER, JOHN E
3099 HAWKINS, SALLY L

Phase I ESA
dated November 14, 2022

OLD PROSPECT RD 2000

143	HERRELL, TIM
201	ZIMMERRER, ANNA
337	GURNEY, STEVEN
1135	WAMMACK, JAMES J
1798	MORGAN, DOUGLAS
1891	SHRIVER, JAYSON
1896	FRESHOUR, EARL
1973	MARSHALL, NORA F
2049	MOORE, RAY
2932	PROSPECT BAPTIST CHURCH

Phase I ESA
dated November 14, 2022

APPENDIX H
Previous Environmental Reports

*Phase I ESA
dated November 14, 2022*

APPENDIX I
Environmental Questionnaires

*Phase I ESA
dated November 14, 2022*



ENVIRONMENTAL QUESTIONNAIRE

Date: 11/14/22

To: Pierce Milligan

From: Stu Stengar

With: Trammco Env. Solutions, LLC

With: Landowner

Email: pierce@trammco.com

Pages: 3

Phone: _____

Site Name: Ozark South

Address: Old Prospect Rd, Ozark MO

1. **Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any hazardous substances commonly used in that type of business.

Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties? Yes No

2. **Activity and Use Limitations (AULs).** These include engineering controls and land use restrictions or institutional controls that may be in place at the site or filed under federal, tribal, state, or local law. The title commitment or policy might also list AULs.

Are you aware of any possible AULs involving the subject site? Yes No

3. **Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state, or local law. Such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protections at risk.

Have you checked for these environmental cleanup liens?

Yes No

Are you aware of any such liens against the subject property?

Yes No

4. **Obvious Indicators.** This involves past or present spills, stains, releases, cleanups, etc. on or near the site.

Do you know of any obvious indicators of possible contamination on or near the site?

Yes No

5. **Common Knowledge.** Please use a separate sheet if necessary.

a. Describe the past uses of the property: _____

Livestock grazing.

b. Describe any specific chemicals that may have been present at the property: _____

None to my knowledge.

c. Describe any historical releases, leaking tanks, hazardous material responses, flooding, or fires at the subject property: _____

None to my knowledge.

d. Describe any other information such as environmental cleanups that may help us identify possible contamination: _____

None to my knowledge.

6. **Previous Owners/Occupants of the Property.** Please list previous owners, operators, and/or occupants and their contact information, if available. _____

Bought in 2000, always used for livestock, no improvements _____

7. **Historical USTs at the Subject Property.**

Have there been any USTs at the property in the past? Yes No

8. **Historical Water Use Wells at the Subject Property.**

Have there been groundwater monitoring wells or water use wells at the Property? Yes No

9. **Artificial fill or dumping at the Subject Property.**

Has artificial fill or significant dumping taken place at the property? Yes No

10. **Historical Utilities at the Subject Property.**

Have utilities changed at the property (i.e. septic system or private well)? Yes No

11. **Relationship of the purchase price to the fair market value of the Subject Property if it were not contaminated**

Is the purchase price of the subject property below market value because contamination is known or believe to be present at subject property. Yes No

The Site Owner/Site Manager should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper. Without these answers, our report would have to note that the Phase One is incomplete, and your Landowner Liability Protections could be at risk.

Stu Stengar (verbal)
Your Signature

11/14/22
Date

of separate sheets attached: 0
Explain Yes answers on a separate sheet.



ENVIRONMENTAL QUESTIONNAIRE

Date: _____

To: Pierce Milligan

From: _____

With: Trammco Env. Solutions, LLC

With: _____

Email: pierce@trammco.com

Pages: _____

Phone: _____

Site Name: _____

Address: _____

1. **Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any hazardous substances commonly used in that type of business.

Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties? Yes No

2. **Activity and Use Limitations (AULs).** These include engineering controls and land use restrictions or institutional controls that may be in place at the site or filed under federal, tribal, state or local law. The title commitment or policy might also list AULs.

Are you aware of any possible AULs involving the subject site? Yes No

3. **Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state or local law. Such liens might be listed in the “exceptions to coverage” in the property’s title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protections at risk.

Have you checked for these environmental cleanup liens? Yes No
Are you aware of any such liens against the subject property? Yes No

4. **Obvious Indicators.** This involves past or present spills, stains, releases, cleanups, etc. on or near the site.
Do you know of any obvious indicators of possible contamination on or near the site? Yes No

5. **Common Knowledge.** Please use a separate sheet if necessary.

a. Describe the past uses of the property: _____

b. Describe any specific chemicals that may have been present at the property: _____

c. Describe any historical releases, leaking tanks, hazardous material responses, flooding, or fires at the subject property: _____

d. Describe any other information such as environmental cleanups that may help us identify possible contamination: _____

Phase I ESA
dated November 14, 2022

6. **Previous Owners/Occupants of the Property.** Please list previous owners, operators, and/or occupants and their contact information, if available. _____

7. **Historical USTs at the Subject Property.**

Have there been any USTs at the property in the past? Yes No

8. **Historical Water Use Wells at the Subject Property.**

Have there been groundwater monitoring wells or water use wells at the Property? Yes No

9. **Artificial fill or dumping at the Subject Property.**

Has artificial fill or significant dumping taken place at the property? Yes No

10. **Historical Utilities at the Subject Property.**

Have utilities changed at the property (i.e. septic system or private well)? Yes No

11. **Relationship of the purchase price to the fair market value of the Subject Property if it were not contaminated**

Is the purchase price of the subject property below market value because contamination is known or believe to be present at subject property. Yes No

The Site Owner/Site Manager should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper. Without these answers, our report would have to note that the Phase One is incomplete, and your Landowner Liability Protections could be at risk.

Samuel Jackson
Your Signature

Date

of separate sheets attached: _____
Explain Yes answers on a separate sheet.

APPENDIX J
County Tax Assessor Information

*Phase I ESA
dated November 14, 2022*

Property Number

18-0.1-02-000-005.000

Owner - Mailing Address

NATURAL BRIDGE LLC
C/O:
5051 S NATIONAL AVE BLDG 5-100

SPRINGFIELD MO 65810-0000

Situs Address

DBA:

Property Description

NW1/4 SW1/4 EX TR SOLD

Lot Size

Deed Acre

Calc Acre

34.16

40.60

SEC-TWP-RNG

Land Type

Book-Page

Date Acq

City

School

Road

Fire

MCD

2-26-21

RL

2007-014355

2007-07-31

0

6

11

1

37

TYPE	LAND VAL	STRUCT VAL	TOTAL VAL	TOTAL ASSESS
RES	\$0	\$0	\$0	\$0
AGR	\$4,000	\$0	\$4,000	\$480
COMM	\$0	\$0	\$0	\$0
VAC	\$0	\$0	\$0	\$0
TOTALS	\$4,000	\$0	\$4,000	\$480

#	AG LAND ACRES	GRADE	PER ACRE	VALUATION
1	20.60	6	146.99	3,028
2	13.56	7	73.01	990

LAND DATA

CLASS	TYPE	AVG	DF	SFF	FF/ACRES	DEPTH	UNIT PRICE	DEPTH FAC	ADJ FAC	ADJ AMT	VALUATION
-------	------	-----	----	-----	----------	-------	------------	-----------	---------	---------	-----------

IMPROVEMENTS

Bldg No.	Struct	Yr Built	Yr Rem	Eff Yr	Stor	Bd Rm	Room	Class RateCd	Class Units	Const Units	Total Units	Base Rate	Adj Rate	Index	SqFt Cost	Base Area	Adj Area	Base Cost	Extra Feat	Replace Cost	Phy Cond	Adj Cond	Appraised Value
----------	--------	----------	--------	--------	------	-------	------	--------------	-------------	-------------	-------------	-----------	----------	-------	-----------	-----------	----------	-----------	------------	--------------	----------	----------	-----------------

Phase I ESA
dated November 14, 2022

APPENDIX K
Vapor Encroachment

*Phase I ESA
dated November 14, 2022*

Ozark South BESS Tract

Old Prospect Road

Ozark, MO 65721

Inquiry Number: 7137674.11s

November 15, 2022

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

Phase I ESA
dated November 14, 2022

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Executive Summary	ES1
Primary Map	2
Secondary Map	3
Map Findings	4
Record Sources and Currency	GR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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The EDR Vapor Encroachment Worksheet enables EDR's customers to make certain online modifications that effects maps, text and calculations contained in this Report. As a result, maps, text and calculations contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. Environmental Data Resources shall not be responsible for any customer's decision to include or not include in any final report any records determined to be within the relevant minimum search distances.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	> 1/10
Lists of Federal NPL (Superfund) sites	1.0	0	0	0
Lists of Federal Delisted NPL sites	1.0	0	0	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders	0.5	0	0	0
Lists of Federal CERCLA sites with NFRAP	0.5	0	0	0
Lists of Federal RCRA facilities undergoing Corrective Action	1.0	0	0	0
Lists of Federal RCRA TSD facilities	0.5	0	0	0
Lists of Federal RCRA generators	0.25	0	0	0
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	0.001	0	0	-
Lists of state- and tribal (Superfund) equivalent sites	not searched	-	-	-
Lists of state- and tribal hazardous waste facilities	1.0	0	0	0
Lists of state and tribal landfills and solid waste disposal facilities	0.5	0	0	0
Lists of state and tribal leaking storage tanks	0.5	0	0	0
Lists of state and tribal registered storage tanks	0.25	0	0	0
State and tribal institutional control / engineering control registries	0.5	0	0	0
Lists of state and tribal voluntary cleanup sites	0.5	0	0	0
Lists of state and tribal brownfield sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	0
Local Lists of Hazardous waste / Contaminated Sites	1.0	0	0	0
Local Lists of Registered Storage Tanks	not searched	-	-	-
Local Land Records	0.001	0	0	-
Records of Emergency Release Reports	0.001	0	0	-
Other Ascertainable Records	1.0	0	0	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

Phase I ESA
dated November 14, 2022

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

OZARK SOUTH BESS TRACT
OLD PROSPECT ROAD
OZARK, MO 65721

COORDINATES

Latitude (North):	36.981002 - 36° 58' 51.610107"
Longitude (West):	93.2099 - 93° 12' 35.63965"
Elevation:	1260 ft. above sea level

Phase I ESA
dated November 14, 2022

EXECUTIVE SUMMARY

SEARCH RESULTS

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

ADDITIONAL ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

EDR HIGH RISK HISTORICAL RECORDS

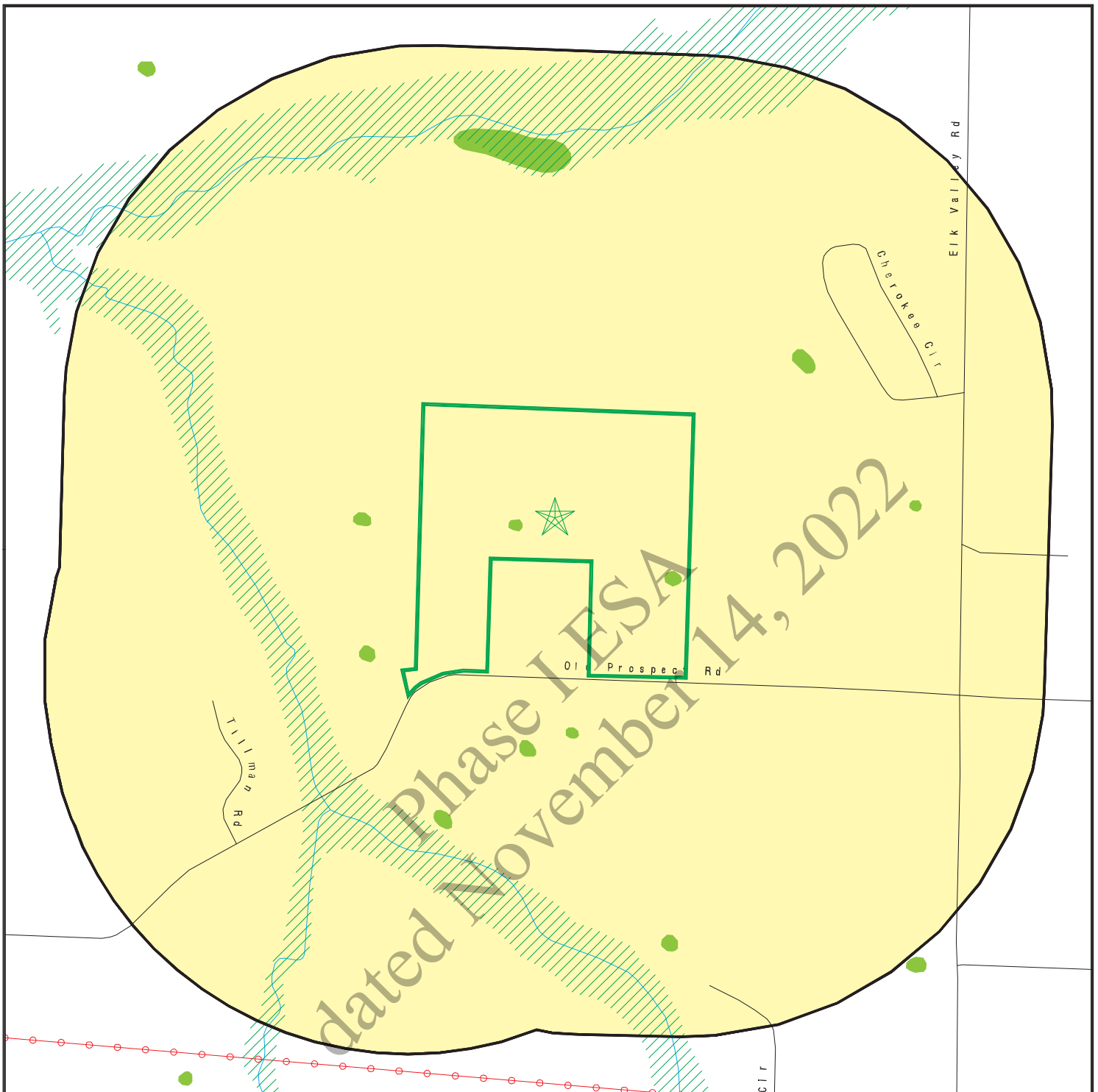
<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				













EDR RECOVERED GOVERNMENT ARCHIVES

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

Phase I ESA
dated November 14, 2022

PRIMARY MAP - 7137674.11S



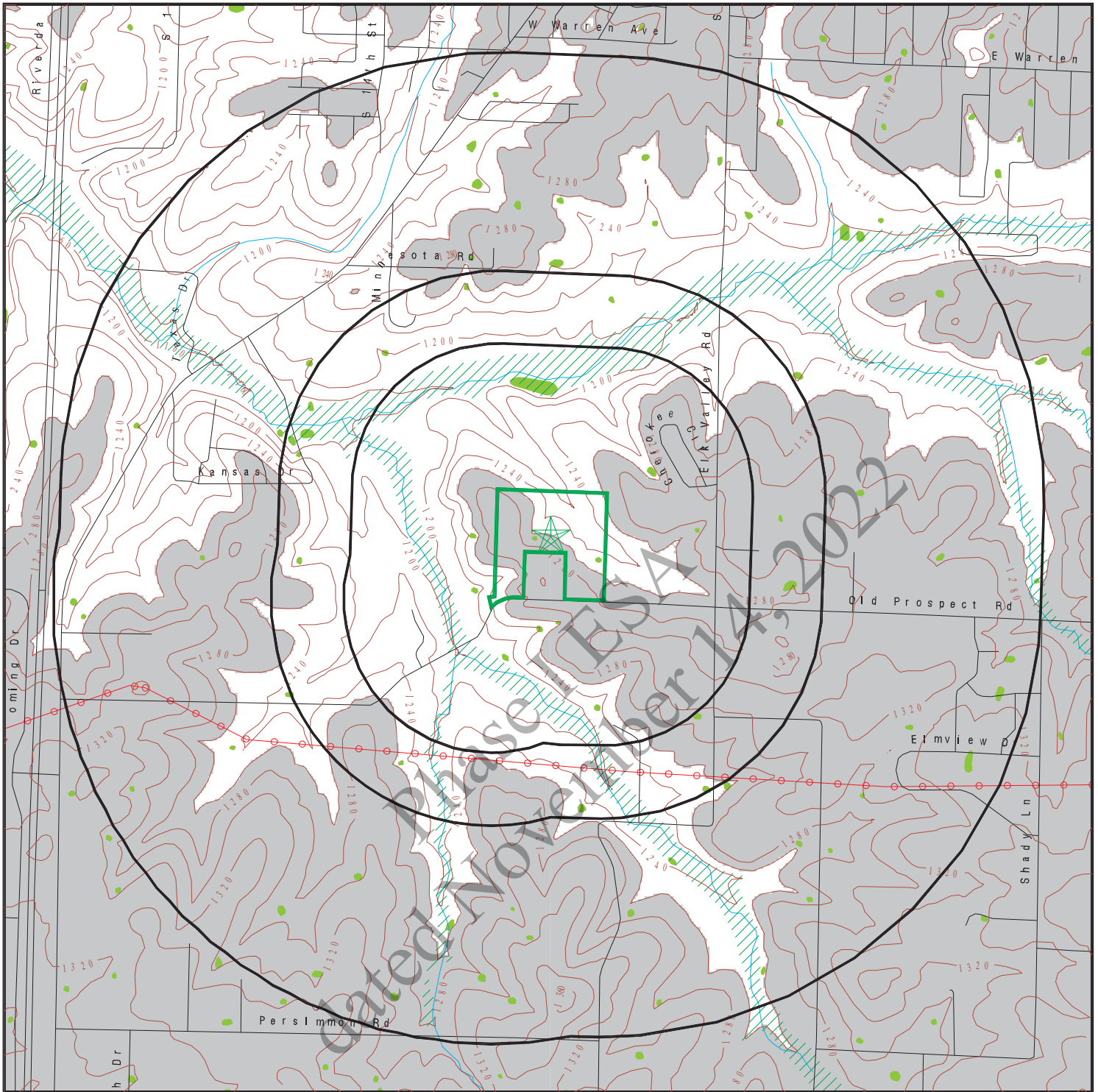
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

<p>SITE NAME: Ozark South BESS Tract ADDRESS: Old Prospect Road Ozark MO 65721 LAT/LONG: 36.981002 / 93.2099</p>	<p>CLIENT: Trammco Environmental Solutions LLC CONTACT: Pierce Milligan INQUIRY #: 7137674.11s DATE: October 04, 2022 4:05 pm</p>
---	--

SECONDARY MAP - 7137674.11S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Upgradient Area



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Ozark South BESS Tract
 ADDRESS: Old Prospect Road
 Ozark MO 65721
 LAT/LONG: 36.981002 / 93.2099

CLIENT: Trammco Environmental Solutions LLC
 CONTACT: Pierce Milligan
 INQUIRY #: 7137674.11S
 DATE: October 04, 2022 4:05 pm

MAP FINDINGS

LEGEND

FACILITY NAME		FACILITY ADDRESS, CITY, ST, ZIP		EDR SITE ID NUMBER
◆ MAP ID#	Direction	Distance Range	(Distance feet / miles)	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.
	Relative Elevation	Feet Above Sea Level		
Worksheet:				
Comments: Comments may be added on the online Vapor Encroachment Worksheet.				

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

Phase I ESA
dated November 14, 2022

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ENVIRONMENTAL RECORDS						
<i>Federal NPL site list</i>						
US	NPL	National Priority List	EPA	07/26/2022	08/02/2022	08/22/2022
US	Proposed NPL	Proposed National Priority List Sites	EPA	07/26/2022	08/02/2022	08/22/2022
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
<i>Federal CERCLIS list</i>						
US	SEMS	Superfund Enterprise Management System	EPA	07/26/2022	08/02/2022	08/22/2022
<i>Federal RCRA CORRACTS facilities list</i>						
US	CORRACTS	Corrective Action Report	EPA	06/20/2022	06/21/2022	06/28/2022
<i>Federal RCRA TSD facilities list</i>						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	06/20/2022	06/21/2022	06/28/2022
<i>Federal RCRA generators list</i>						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	06/20/2022	06/21/2022	06/28/2022
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	06/20/2022	06/21/2022	06/28/2022
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	06/20/2022	06/21/2022	06/28/2022
<i>Federal institutional controls / engineering controls registries</i>						
US	LUCIS	Land Use Control Information System	Department of the Navy	05/16/2022	05/19/2022	07/29/2022
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	05/16/2022	05/24/2022	07/29/2022
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	05/16/2022	05/24/2022	07/29/2022
<i>Federal ERNS list</i>						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	06/14/2022	06/15/2022	06/21/2022
<i>State and tribal - equivalent CERCLIS</i>						
MO	HWS DETAIL	Registry Annual Report	Department of Natural Resources	06/30/2021	02/25/2022	05/20/2022
MO	SHWS	Registry of Confirmed Abandoned or Uncontrolled Hazardous Wa	Department of Natural Resources	04/26/2022	05/13/2022	08/04/2022
<i>State and tribal landfill / solid waste disposal</i>						
MO	SWF/LF	Solid Waste Facility List	Department of Natural Resources	05/24/2022	05/25/2022	08/11/2022
<i>State and tribal leaking storage tank lists</i>						
MO	LAST	Leaking Aboveground Storage Tanks	Department of Natural Resources	08/29/2022	09/01/2022	09/27/2022
MO	LUST	Leaking Underground Storage Tanks	Department of Natural Resources	08/29/2022	09/01/2022	09/27/2022
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/20/2022	06/13/2022	08/16/2022
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/28/2022	06/13/2022	08/16/2022
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	04/20/2022	06/13/2022	08/16/2022
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	04/14/2022	06/13/2022	08/16/2022
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	06/02/2022	06/13/2022	08/31/2022
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/28/2021	06/11/2021	09/07/2021
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/08/2022	06/13/2022	08/16/2022

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/11/2022	06/13/2022	08/16/2022
State and tribal registered storage tank lists						
MO	UST	Petroleum Storage Tanks	Department of Natural Resources	08/29/2022	09/01/2022	09/27/2022
MO	AST	Aboveground Petroleum Storage Tanks	Department of Agriculture	05/26/2022	05/27/2022	08/11/2022
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/11/2022	06/13/2022	08/16/2022
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	04/28/2022	06/13/2022	08/16/2022
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	06/02/2022	06/13/2022	08/31/2022
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/07/2022	06/13/2022	08/16/2022
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/20/2022	06/13/2022	08/16/2022
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	04/14/2022	06/13/2022	08/16/2022
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	04/20/2022	06/13/2022	08/16/2022
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	04/08/2022	06/13/2022	08/16/2022
US	FEMA UST	Underground Storage Tank Listing	FEMA	10/14/2021	11/05/2021	02/01/2022
State and tribal institutional control / engineering control registries						
MO	AUL	Sites with Controls	Department of Natural Resources	05/02/2022	05/09/2022	07/29/2022
State and tribal voluntary cleanup sites						
US	INDIAN VCP R7	Voluntary Cleanup Priority Listing	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
MO	VCP	Sites Participating in the Voluntary Cleanup Program	Department of Natural Resources	05/02/2022	05/09/2022	07/29/2022
State and tribal Brownfields sites						
MO	BROWNFIELDS	Brownfields Site List	Department of Natural Resources	05/02/2022	05/09/2022	07/29/2022
Other Records						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	06/30/2022	07/21/2022	09/30/2022
US	ROD	Records Of Decision	EPA	07/26/2022	08/02/2022	08/22/2022
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	07/26/2022	08/02/2022	08/22/2022
MO	DEL SHWS	Registry Sites Withdrawn or Deleted	Department of Natural Resources	04/26/2022	05/13/2022	08/05/2022
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
MO	SWRCY	Solid Waste Recycling Facilities	Department of Natural Resources	03/16/2022	03/17/2022	06/10/2022
MO	HIST LF	Solid Waste Facility Database List	Department of Natural Resources	04/12/2005	07/19/2006	08/18/2006
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	07/26/2021	07/27/2021	10/22/2021
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2020	11/30/2021	02/22/2022
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	06/20/2022	06/21/2022	08/31/2022
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	07/26/2022	08/02/2022	08/22/2022
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	04/30/2022	05/24/2022	07/29/2022
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	Delisted NPL	National Priority List Deletions	EPA	07/26/2022	08/02/2022	08/22/2022
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	07/26/2022	08/02/2022	08/22/2022
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	06/20/2022	06/21/2022	06/28/2022
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	09/19/2022	09/19/2022	09/30/2022
US	DOT OPS	Incident and Accident Data	Department of Transportation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	04/30/2022	05/24/2022	07/29/2022
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	02/23/2022	03/10/2022	03/10/2022
US	DOD	Department of Defense Sites	USGS	06/07/2021	07/13/2021	03/09/2022
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	08/11/2022	08/11/2022	09/30/2022
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/03/2022	08/17/2022	08/31/2022
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	08/01/2022	08/02/2022	09/30/2022
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	05/06/2020	05/27/2020	08/13/2020
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	07/26/2022	08/02/2022	08/31/2022
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2018	08/14/2020	11/04/2020
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/17/2020	09/10/2020
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	07/18/2022	07/18/2022	07/29/2022
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	01/20/2022	01/20/2022	03/25/2022
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	06/10/2022	06/14/2022	08/22/2022
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	FINDS	Facility Index System/Facility Registry System	EPA	05/13/2022	05/18/2022	05/31/2022
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	04/27/2022	05/04/2022	05/10/2022
US	BRS	Biennial Reporting System	EPANTIS	12/31/2019	03/02/2022	03/25/2022
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Services, Indian	04/01/2014	08/06/2014	01/29/2015
US	ABANDONED MINES	Abandoned Mines	Department of Interior	06/14/2022	06/15/2022	08/22/2022
MO	AIRS	Permit Facility Listing	Department of Natural Resources	11/01/2021	11/29/2021	02/24/2022
MO	ASBESTOS	Asbestos Notification Listing	Department of Natural Resources	07/04/2022	07/05/2022	09/21/2022
MO	CDL	Environmental Emergency Response System	Department of Natural Resources	03/15/2022	03/16/2022	06/13/2022
MO	COAL ASH	Coal Ash Disposal Sites	Department of Natural Resources	01/03/2018	02/01/2018	03/22/2018
MO	DRYCLEANERS	Drycleaners in Missouri Listing	Department of Natural Resources	11/30/2017	12/13/2017	01/18/2018
MO	Financial Assurance 1	Financial Assurance Information Listing	Department of Natural Resources	05/03/2022	05/25/2022	08/11/2022
MO	Financial Assurance 2	Financial Assurance Information Listing	Department of Natural Resources	06/30/2021	09/01/2021	11/22/2021
MO	MINES	Industrial Mineral Mines Database	Department of Natural Resources	04/30/2021	07/14/2021	10/07/2021
MO	NPDES	Permitted Facility Listing	Department of Natural Resources	03/28/2022	06/29/2022	09/16/2022
MO	RRC	Certified Hazardous Waste Resource Recovery Facilities	Department of Natural Resources	09/30/2020	10/06/2020	12/28/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
MO	SMARS	Site Management and Reporting System	Department of Natural Resources	04/01/2022	04/27/2022	07/18/2022
MO	SPILLS	Environmental Response Tracking Database	Department of Natural Resources	03/15/2022	03/16/2022	06/13/2022
MO	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/27/2012	01/03/2013	02/22/2013
MO	UIC	Underground Injection Wells Database	Department of Natural Resources	01/11/2022	02/15/2022	05/12/2022
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	08/11/2022	08/11/2022	09/30/2022
MO	PFAS	PFAS Detections	Department of Natural Resources	03/22/2022	03/22/2022	06/16/2022
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	06/25/2022	07/01/2022	09/30/2022
US	MINES MRDS	Mineral Resources Data System	USGS	04/06/2018	10/21/2019	10/24/2019
US	UXO	Unexploded Ordnance Sites	Department of Defense	12/31/2020	01/11/2022	02/14/2022
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	05/25/2021	06/24/2021	09/20/2021

HISTORICAL USE RECORDS

US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
MO	RGA HWS	Recovered Government Archive State Hazardous Waste Facilities	Department of Natural Resources		07/01/2013	01/03/2014
MO	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Natural Resources		07/01/2013	01/15/2014
MO	RGA LUST	Recovered Government Archive Leaking Underground Storage Tanks	Department of Natural Resources		07/01/2013	01/03/2014

STREET AND ADDRESS INFORMATION

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APPENDIX L
Professional Qualifications

*Phase I ESA
dated November 14, 2022*



Matthew Trammell, Chemical Engineer

Mr. Trammell has over 17 years of experience in the environmental field. His background is in Phase I/II due diligence, project management, solid waste permitting, landfill closure, contamination assessments, remediation, compliance audits, underground storage tanks (UST) management, asbestos, hazardous waste management, water resources permitting, regulatory compliance, stormwater design and permitting.

Selected Project and Management Experience

- Project Manager responsible for redeveloping a former paper mill with a modern bulk commodity port terminal. As part of the project, prepared a closure permit for landfill that included the removal and disposal of approximately 75,000 cubic yards of material as daily cover. Prepared a Federal Dredge and Fill Permit that included the dredging and reuse of 500,000 cubic yards of dredge material as fill on the Site. Coordinate with other engineers and professionals to complete ERP, civil plans, rail design, and wetland survey for the Site. Work with agencies to mitigate impacts to wetlands areas. Total site development activities were in excess of \$150 million dollars.
- Project/Client Manager responsible for obtaining all Federal, State, and local permits for a frac sand facility in Texas with an annual capacity of 4.3 million cubic yards. Permits included air, stormwater, mining, pipeline, septic systems, and driveways. Work with state agencies to conduct threaten and endangered species studies and develop plans to set areas for conservation. Coordinate with other engineers and professionals to complete civil plans, mining plans, and wetland/Endangered species survey for the Site
- Project/Client Manager responsible for conducting due diligence and remediation of a 63,000 acre active oil field in south Texas. The oil field consisted of fourteen individual operations that required soil and groundwater remediation. A total of 30,000 yards of impacted soil and 6,000,000 lbs of steel were removed from the site for disposal and recycling. The work was conducted under Texas Rail Road Commission (RRC) and Texas Commission on Environmental Quality (TCEQ).
- Project/Client Manager responsible for designing and permitting a Texas Rail Road Commission (RRC) landfill in west Texas. Landfill consisted of more than 300 acres and 12 million cubic yards of capacity.
- Project/Client Manager responsible for completing due diligence services on a portfolio in west Texas that included 30,000 acres of undeveloped land and former industrial facility managed under RCRA.
- Project/Client Manager responsible for completing due diligence services on a portfolio of twenty six dealerships located throughout the United States. Worked with the Client and Lenders to quantify potential environmental liabilities for select sites and prepare a schedule to address the concerns.
- Project/Client Manager responsible for the redeveloping a former paint manufacturing facility in Atlanta, GA through the EPD Brownfields Program with a modern industrial facility. Project activities included negotiating with the seller, assessment of soil and groundwater, remediation of soil, and closure under the Brownfields Program.
- Project/Client Manager responsible for the redevelopment of a former GM assembly plant in Atlanta, GA through the EPD Brownfields Program with two car dealerships. Project activities included negotiating with the seller, assessment of soil and groundwater, remediation of soil, and closure under the Brownfields Program.
- Project/Client Manager responsible for the development of a vacant tract with a 300-unit apartment complex. Project included negotiating with the seller, assessment of soil and groundwater, wetlands survey, site design, and civil site plans.



- Project Manager responsible for preparing a PSD and greenhouse gas air permits for a lime kiln in southeast US.
- Project/Client Manager responsible for completing due diligence services on a mix use development in Idaho consists of over one million square feet of retail space. Project activities included coordinating meetings with client and seller, Phase I ESA, subsurface investigations of soil and groundwater, ground penetrating radar survey for buried debris, and geotechnical assessment.
- Project manager responsible for preparing an asbestos assessment and abatement report for two dealership sites in Tampa, Florida. As part of the project, provided oversight for onsite activities, coordinated with the construction company, and communicated with client.
- Project manager responsible for preparing Phase I environmental site assessments (ESAs) for various other auto dealerships throughout the United States. Provided oversight for the removal and dismantling of AST tanks and the preparation of a tank closure report.
- Project manager responsible for assisting with creating and implementing a groundwater model for a former chrome plating operation in Adel, Georgia. Assisted client in preparing an application to the Georgia Voluntary Remediation Program.
- Responsible for the design, pilot testing, and operation of an air sparge groundwater remedial system at an agricultural center in Harris County, Georgia.
- Project Manager responsible for the management of all field activities associated with the removal of 24,000 cubic yards of contaminated soil (lead/arsenic) from a former fertilizer plant in Albany, Georgia.
- Project Manager responsible for creating a soil and groundwater sampling plan at a wood treatment facility in Ricon, Georgia, in compliance with Hazardous Site Response Act regulations. Field manager responsible for the supervision/implementation of all fieldwork-related activities.
- Project manager responsible for coordinating and completing Phase I ESAs and compliance audit at a confidential agricultural operation in South Georgia.

Expertise

- RCRA closure/post closure and Corrective Action
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
- Site assessment and remediation
- Emergency Response
- Technical Committee participation and oversight for Superfund Projects
- Regulatory negotiations
- Acquisitions and due diligence
- Ecological and NEPA Assessments

Education

Georgia Institute of Technology: B.S./2002/Chemical Engineering

PIERCE MILLIGAN
Project Manager

EXPERIENCE

Proposed Role: > 2 years
With TES: > 2 years

FIELDS OF
COMPETENCE

- Project Management
- Contamination assessments
- Acquisitions and due diligence
- Soil and groundwater remediation
- Regulatory negotiations
- Compliance auditing
- Permitting
- Emergency response
- Petroleum storage tank management
- Regulatory compliance

TRAINING

- Occupational Safety & Health Administration – Hazardous Waste Operations & Emergency Response (HAZWOPER) – 40 Hour Certification and Annual 8 Hour Refresher Course (2018)
- Environmental Protection Agency – Method 9 – Certified Observer and Semiannual Recertification Exam (2020)
- Mine Safety & Health Administration – Part 46 – New Miner Training and Annual Refresher Courses (2018)

PROFESSIONAL PROFILE

Mr. Milligan has over 2 years of experience in environmental consulting and project management. He specializes in soil and groundwater remediation for regulator-driven and voluntary clean-up programs. He has extensive experience with state hazardous waste sites, Brownfields, and due diligence assessments. He has a high degree of creativity in developing alternative cost-benefit solutions and a proven ability to team with clients, legal counsel, regulators, and contractors to tackle a wide range of environmental challenges.

SELECTED PROJECT EXPERIENCE

Project Manager responsible for remediation of an active water transfer line that released 575 barrels of produced water in southeast New Mexico. A total of 12,150 yards of impacted soil were removed from the site in hazardous conditions. The work was conducted under the New Mexico Energy, Minerals & Natural Resources Department's Oil Conservation Division (EMNRD OCD) and the New Mexico Environment Department (NMED).

Project Manager responsible for maintaining all Federal, State, and local permits for four frac sand mines in west Texas with an annual capacity of over 7,000,000 cubic yards. Permits include air, stormwater, mining, pipeline, septic systems, and driveways. Work with state agencies to conduct threaten and endangered species studies and develop plans to set areas for conservation. Coordinate with other engineers and professionals to complete civil plans, mining plans, and wetland/Endangered species survey for the facilities.

Project Manager responsible for conducting expedited Phase I due diligence and subsurface investigation services on a portfolio of 19 car dealerships in Dallas/Fort Worth. Worked with the Client and Lenders to quantify potential environmental liabilities for select sites and prepare a schedule to address the concerns in an acquisition valued at 1.2 billion dollars.

Project Manager responsible for conducting due diligence, remediation, and demolition of a 63,000-acre active oil field in south Texas. The oil field consisted of fourteen individual Operator Cleanup Program (OCP) sites that required soil and groundwater remediation. A total of 30,000 cubic yards of impacted soil and 6,000,000 pounds of steel were removed from the site for disposal and recycling. The work was conducted under the Railroad Commission (RRC) and Texas Commission on Environmental Quality (TCEQ).

APPENDIX I

Environmental Questionnaires



ENVIRONMENTAL QUESTIONNAIRE

Date: 06/02/2023

To: Pierce Milligan

From: Stu Stengar

With: Trammco Env. Solutions, LLC

With: Landowner

Email: pierce@trammco.com

Pages: 3

Phone: _____

Site Name: Agricultural Tract

Address: Old Prospect Rd, Ozark MO

1. **Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any hazardous substances commonly used in that type of business.

Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties? Yes No

No changes have taken place at site since November 2022 Phase I ESA

2. **Activity and Use Limitations (AULs).** These include engineering controls and land use restrictions or institutional controls that may be in place at the site or filed under federal, tribal, state, or local law. The title commitment or policy might also list AULs.

Are you aware of any possible AULs involving the subject site? Yes No

3. **Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state, or local law. Such liens might be listed in the “exceptions to coverage” in the property’s title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protections at risk.

Have you checked for these environmental cleanup liens?

Yes No

Are you aware of any such liens against the subject property?

Yes No

4. **Obvious Indicators.** This involves past or present spills, stains, releases, cleanups, etc. on or near the site.

Do you know of any obvious indicators of possible contamination on or near the site?

Yes No

5. **Common Knowledge.** Please use a separate sheet if necessary.

a. Describe the past uses of the property: _____

Agriculture- livestock grazing. No improvements.

b. Describe any specific chemicals that may have been present at the property: _____

None to my knowledge

c. Describe any historical releases, leaking tanks, hazardous material responses, flooding, or fires at the subject property: _____

None to my knowledge

d. Describe any other information such as environmental cleanups that may help us identify possible contamination: _____

None

6. **Previous Owners/Occupants of the Property.** Please list previous owners, operators, and/or occupants and their contact information, if available. _____

Owned since 2000. _____

7. **Historical USTs at the Subject Property.**

Have there been any USTs at the property in the past? Yes No

8. **Historical Water Use Wells at the Subject Property.**

Have there been groundwater monitoring wells or water use wells at the Property? Yes No

9. **Artificial fill or dumping at the Subject Property.**

Has artificial fill or significant dumping taken place at the property? Yes No

10. **Historical Utilities at the Subject Property.**

Have utilities changed at the property (i.e. septic system or private well)? Yes No

11. **Relationship of the purchase price to the fair market value of the Subject Property if it were not contaminated**

Is the purchase price of the subject property below market value because contamination is known or believe to be present at subject property. Yes No

The Site Owner/Site Manager should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper. Without these answers, our report would have to note that the Phase One is incomplete, and your Landowner Liability Protections could be at risk.

Stu Stengar (verbal) _____

06/02/2023 _____

of separate sheets attached: 0

Your Signature

Date

Explain Yes answers on a separate sheet.



ENVIRONMENTAL QUESTIONNAIRE

Date: June 13, 2023

To: Pierce Milligan

From: Sam Jackson

With: Trammco Env. Solutions, LLC

With: BMES

Email: pierce@trammco.com

Pages: 3

Phone: _____

Site Name: Sabertooth BESS Tract

Address: Old Prospect Rd, Ozark, Missouri, 65721

1. **Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any hazardous substances commonly used in that type of business.

Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties? Yes No

2. **Activity and Use Limitations (AULs).** These include engineering controls and land use restrictions or institutional controls that may be in place at the site or filed under federal, tribal, state, or local law. The title commitment or policy might also list AULs.

Are you aware of any possible AULs involving the subject site? Yes No

3. **Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state, or local law. Such liens might be listed in the “exceptions to coverage” in the property’s title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protections at risk.

Have you checked for these environmental cleanup liens?

Yes No

Are you aware of any such liens against the subject property?

Yes No

4. **Obvious Indicators.** This involves past or present spills, stains, releases, cleanups, etc. on or near the site.

Do you know of any obvious indicators of possible contamination on or near the site?

Yes No

5. **Common Knowledge.** Please use a separate sheet if necessary.

a. Describe the past uses of the property: _____

No prior knowledge

b. Describe any specific chemicals that may have been present at the property: _____

No prior knowledge

c. Describe any historical releases, leaking tanks, hazardous material responses, flooding, or fires at the subject property: _____

No prior knowledge

d. Describe any other information such as environmental cleanups that may help us identify possible contamination: _____

No prior knowledge

6. **Previous Owners/Occupants of the Property.** Please list previous owners, operators, and/or occupants and their contact information, if available. _____

Currently owned by Stu Stengar _____

7. **Historical USTs at the Subject Property.**

Have there been any USTs at the property in the past? Yes No

8. **Historical Water Use Wells at the Subject Property.**

Have there been groundwater monitoring wells or water use wells at the Property? Yes No

9. **Artificial fill or dumping at the Subject Property.**

Has artificial fill or significant dumping taken place at the property? Yes No

10. **Historical Utilities at the Subject Property.**

Have utilities changed at the property (i.e. septic system or private well)? Yes No

11. **Relationship of the purchase price to the fair market value of the Subject Property if it were not contaminated**

Is the purchase price of the subject property below market value because contamination is known or believe to be present at subject property. Yes No

The Site Owner/Site Manager should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper. Without these answers, our report would have to note that the Phase One is incomplete, and your Landowner Liability Protections could be at risk.

Sam Jackson

Your Signature

6/13/23

Date

of separate sheets attached: 0

Explain Yes answers on a separate sheet.

APPENDIX J
County Tax Assessor Information

Property Number

18-0.1-02-000-000-005.000

Owner - Mailing Address

NATURAL BRIDGE LLC
 C/O:
 5051 S NATIONAL AVE BLDG 5-100

 SPRINGFIELD MO 65810-0000

Situs Address

DBA:

Property Description

NW1/4 SW1/4 EX TR SOLD

Lot Size Deed Acre Calc Acre

34.16 40.60

SEC-TWP-RNG

Land Type

Book-Page

Date Acq

City

School

Road

Fire

MCD

2-26-21 RL 2007-014355 2007-07-31 0 6 11 1 37

TYPE	LAND VAL	STRUCT VAL	TOTAL VAL	TOTAL ASSESS
RES	\$0	\$0	\$0	\$0
AGR	\$4,000	\$0	\$4,000	\$480
COMM	\$0	\$0	\$0	\$0
VAC	\$0	\$0	\$0	\$0
TOTALS	\$4,000	\$0	\$4,000	\$480

#	AG LAND ACRES	GRADE	PER ACRE	VALUATION
1	20.60	6	146.99	3,028
2	13.56	7	73.01	990

LAND DATA

CLASS TYPE AVG DF SFF FF/ACRES DEPTH UNIT PRICE DEPTH FAC ADJ FAC ADJ AMT VALUATION

IMPROVEMENTS

Bldg No. Struct Yr Built Yr Rem Eff Yr Stor Bd Rm Room Class RateCd Class Units Const Units Total Units Base Rate Adj Rate Index SqFt Cost Base Area Adj Area Base Cost Extra Feat Replace Cost Phy Cond Adj Cond Appraised Value

APPENDIX K

Vapor Encroachment

Sabertooth BESS Tract

Old Prospect Rd
Ozark, MO 65721

Inquiry Number: 7363253.62s
July 3, 2023

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

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Record Sources and Currency	GR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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The EDR Vapor Encroachment Worksheet enables EDR's customers to make certain online modifications that effects maps, text and calculations contained in this Report. As a result, maps, text and calculations contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. Environmental Data Resources shall not be responsible for any customer's decision to include or not include in any final report any records determined to be within the relevant minimum search distances.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	> 1/10
Lists of Federal NPL (Superfund) sites	1.0	0	0	0
Lists of Federal Delisted NPL sites	1.0	0	0	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders	0.5	0	0	0
Lists of Federal CERCLA sites with NFRAP	0.5	0	0	0
Lists of Federal RCRA facilities undergoing Corrective Action	1.0	0	0	0
Lists of Federal RCRA TSD facilities	0.5	0	0	0
Lists of Federal RCRA generators	0.25	0	0	0
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	0.001	0	0	-
Lists of state- and tribal (Superfund) equivalent sites	not searched	-	-	-
Lists of state- and tribal hazardous waste facilities	1.0	0	0	0
Lists of state and tribal landfills and solid waste disposal facilities	0.5	0	0	0
Lists of state and tribal leaking storage tanks	0.5	0	0	0
Lists of state and tribal registered storage tanks	0.25	0	0	0
State and tribal institutional control / engineering control registries	0.5	0	0	0
Lists of state and tribal voluntary cleanup sites	0.5	0	0	0
Lists of state and tribal brownfield sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	0
Local Lists of Hazardous waste / Contaminated Sites	1.0	0	0	0
Local Lists of Registered Storage Tanks	not searched	-	-	-
Local Land Records	0.001	0	0	-
Records of Emergency Release Reports	0.001	0	0	-
Other Ascertainable Records	1.0	0	0	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

SABERTOOTH BESS TRACT
OLD PROSPECT RD
OZARK, MO 65721

COORDINATES

Latitude (North):	36.980831 - 36° 58' 50.992126"
Longitude (West):	93.209879 - 93° 12' 35.55725"
Elevation:	1263 ft. above sea level

EXECUTIVE SUMMARY

SEARCH RESULTS

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

ADDITIONAL ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

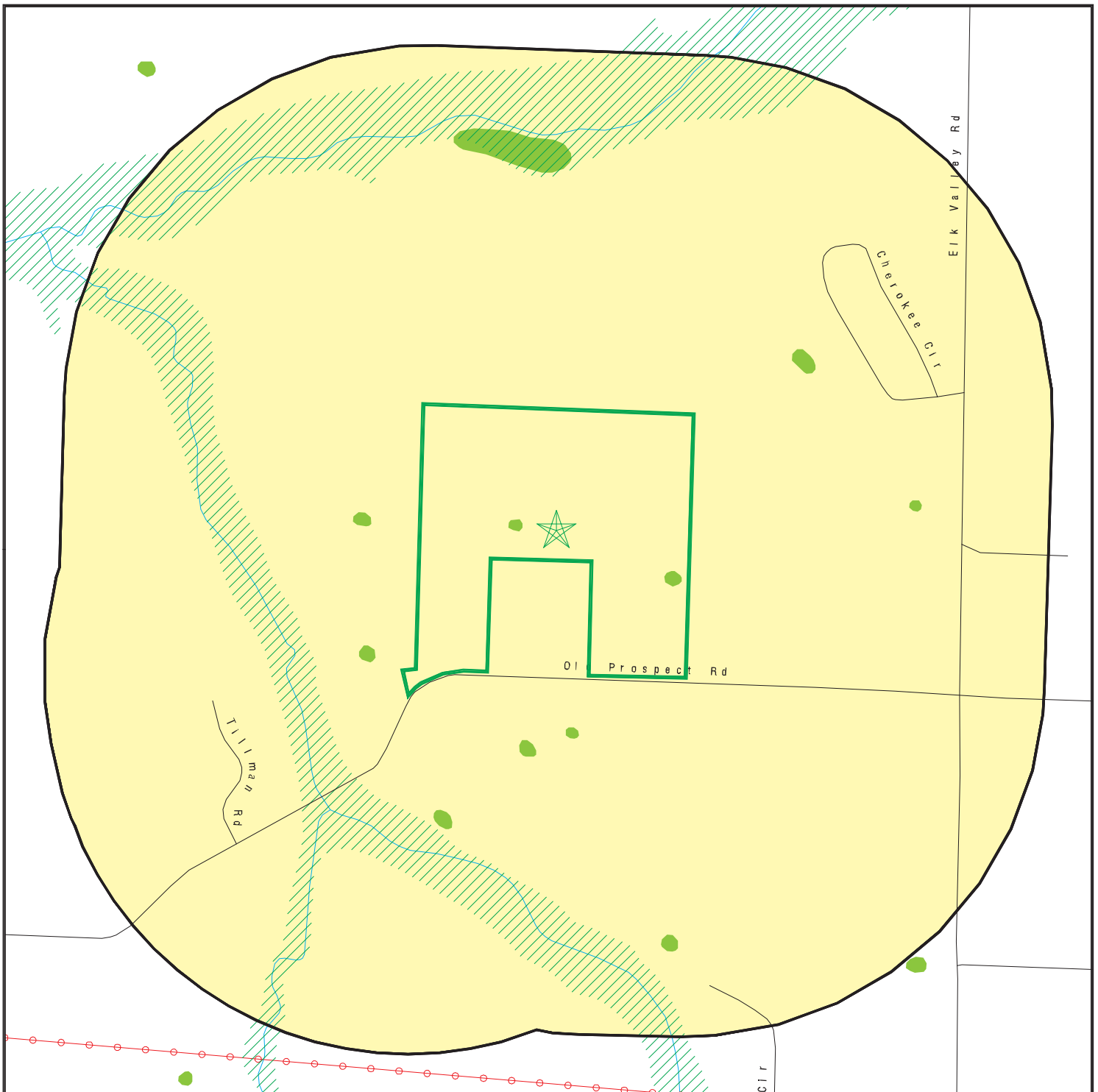
EDR HIGH RISK HISTORICAL RECORDS













<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

EDR RECOVERED GOVERNMENT ARCHIVES

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

PRIMARY MAP - 7363253.62S

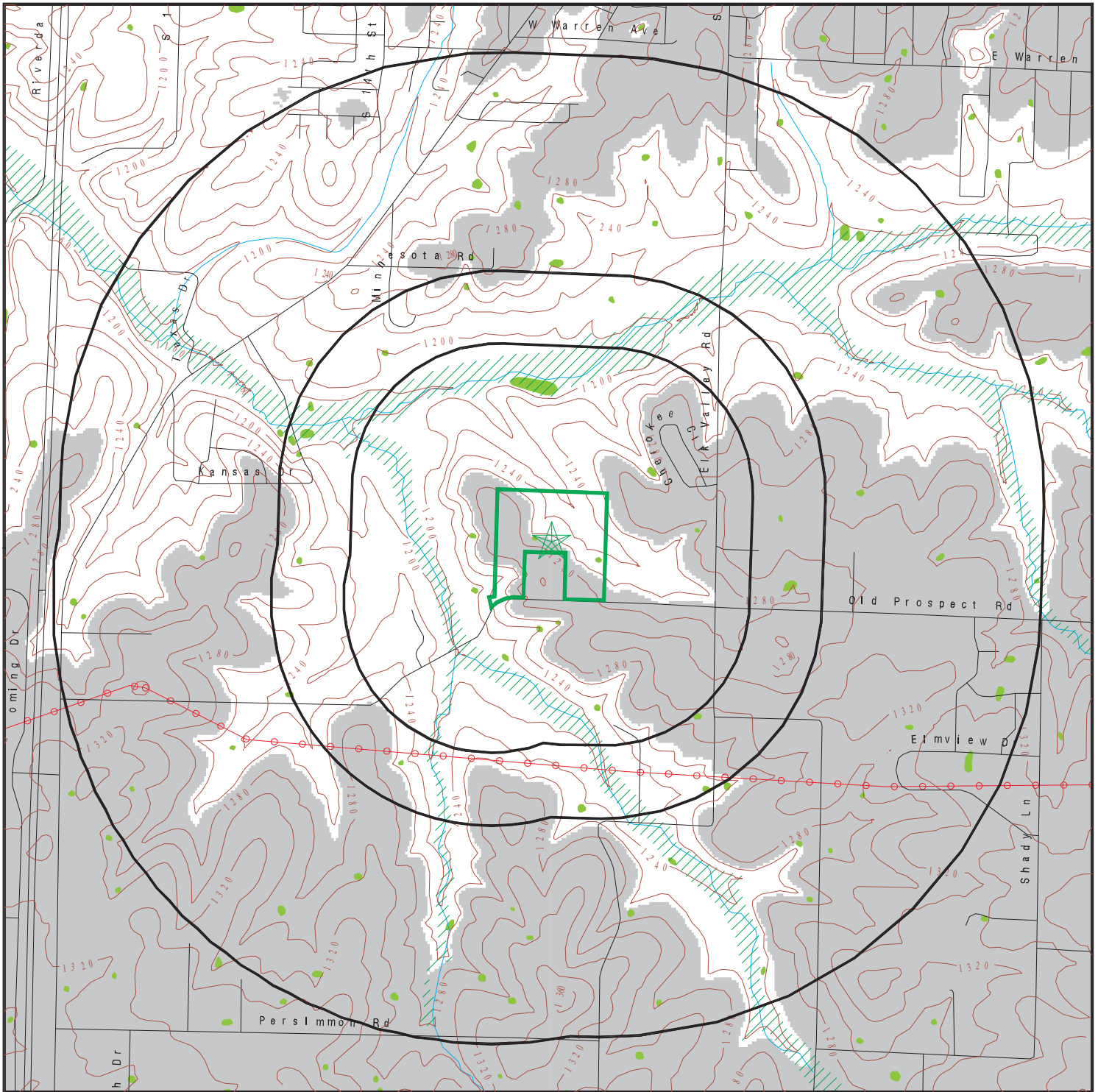


-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

<p>SITE NAME: Sabertooth BESS Tract ADDRESS: Old Prospect Rd Ozark MO 65721 LAT/LONG: 36.980831 / 93.209879</p>	<p>CLIENT: Trammco Environmental Solutions LLC CONTACT: Pierce Milligan INQUIRY #: 7363253.62s DATE: June 13, 2023 3:26 pm</p>
---	---

SECONDARY MAP - 7363253.62S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Upgradient Area



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Sabertooth BESS Tract
 ADDRESS: Old Prospect Rd
 Ozark MO 65721
 LAT/LONG: 36.980831 / 93.209879

CLIENT: Trammco Environmental Solutions LLC
 CONTACT: Pierce Milligan
 INQUIRY #: 7363253.62s
 DATE: June 13, 2023 3:24 pm

MAP FINDINGS

LEGEND

FACILITY NAME		FACILITY ADDRESS, CITY, ST, ZIP		EDR SITE ID NUMBER
◆ MAP ID#	Direction	Distance Range	(Distance feet / miles)	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.
	Relative Elevation	Feet Above Sea Level		
Worksheet:				
Comments: Comments may be added on the online Vapor Encroachment Worksheet.				

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ENVIRONMENTAL RECORDS						
<i>Federal NPL site list</i>						
US	NPL	National Priority List	EPA	04/26/2023	05/02/2023	05/17/2023
US	Proposed NPL	Proposed National Priority List Sites	EPA	04/26/2023	05/02/2023	05/17/2023
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
<i>Federal CERCLIS list</i>						
US	SEMS	Superfund Enterprise Management System	EPA	04/26/2023	05/02/2023	05/17/2023
<i>Federal RCRA CORRACTS facilities list</i>						
US	CORRACTS	Corrective Action Report	EPA	03/06/2023	03/09/2023	03/20/2023
<i>Federal RCRA TSD facilities list</i>						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
<i>Federal RCRA generators list</i>						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
<i>Federal institutional controls / engineering controls registries</i>						
US	LUCIS	Land Use Control Information System	Department of the Navy	02/08/2023	02/09/2023	05/02/2023
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	02/20/2023	02/21/2023	05/02/2023
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	02/20/2023	02/21/2023	05/02/2023
<i>Federal ERNS list</i>						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	03/20/2023	03/21/2023	05/30/2023
<i>State and tribal - equivalent CERCLIS</i>						
MO	HWS DETAIL	Registry Annual Report	Department of Natural Resources	06/30/2022	03/01/2023	05/19/2023
MO	SHWS	Registry of Confirmed Abandoned or Uncontrolled Hazardous Wa	Department of Natural Resources	09/12/2022	09/21/2022	12/08/2022
<i>State and tribal landfill / solid waste disposal</i>						
MO	SWF/LF	Solid Waste Facility List	Department of Natural Resources	02/21/2023	02/22/2023	05/11/2023
<i>State and tribal leaking storage tank lists</i>						
MO	LAST	Leaking Aboveground Storage Tanks	Department of Natural Resources	03/06/2023	03/08/2023	05/25/2023
MO	LUST	Leaking Underground Storage Tanks	Department of Natural Resources	03/06/2023	03/08/2023	05/25/2023
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	11/26/2022	12/06/2022	03/03/2023
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	10/19/2022	12/06/2022	03/03/2023
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	10/14/2022	12/06/2022	03/03/2023
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	11/23/2022	12/06/2022	03/03/2023
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	11/23/2022	12/06/2022	03/03/2023
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	10/14/2022	12/06/2022	03/03/2023
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	11/23/2022	12/06/2022	03/03/2023

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	11/23/2022	12/06/2022	04/19/2023
State and tribal registered storage tank lists						
MO	TANKS	Underground Storage Tank Database	Department of Natural Resources	03/06/2023	03/08/2023	05/25/2023
MO	UST	Petroleum Storage Tanks	Department of Natural Resources	03/06/2023	03/08/2023	05/25/2023
MO	AST	Aboveground Petroleum Storage Tanks	Department of Agriculture	05/26/2022	05/27/2022	08/11/2022
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	10/14/2022	12/06/2022	03/03/2023
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	11/23/2022	12/06/2022	03/03/2023
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	11/23/2022	12/06/2022	03/03/2023
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	11/23/2022	12/06/2022	03/03/2023
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	11/23/2022	12/06/2022	04/19/2023
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	10/14/2022	12/06/2022	03/03/2023
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	11/23/2022	12/06/2022	03/03/2023
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/19/2022	12/06/2022	03/03/2023
US	FEMA UST	Underground Storage Tank Listing	FEMA	03/08/2023	03/09/2023	05/30/2023
State and tribal institutional control / engineering control registries						
MO	AUL	Sites with Controls	Department of Natural Resources	02/01/2023	02/07/2023	04/28/2023
State and tribal voluntary cleanup sites						
US	INDIAN VCP R7	Voluntary Cleanup Priority Listing	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
MO	VCP	Sites Participating in the Voluntary Cleanup Program	Department of Natural Resources	02/01/2023	02/07/2023	04/28/2023
State and tribal Brownfields sites						
MO	BROWNFIELDS	Brownfields Site List	Department of Natural Resources	02/01/2023	02/07/2023	04/28/2023
Other Records						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/31/2022	01/12/2023	04/07/2023
US	ROD	Records Of Decision	EPA	04/26/2023	05/02/2023	05/17/2023
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	04/26/2023	05/02/2023	05/17/2023
MO	DEL SHWS	Registry Sites Withdrawn or Deleted	Department of Natural Resources	09/12/2022	09/21/2022	12/08/2022
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
MO	HIST LF	Solid Waste Facility Database List	Department of Natural Resources	04/12/2005	07/19/2006	08/18/2006
MO	SWRCY	Solid Waste Recycling Facilities	Department of Natural Resources	03/16/2022	03/17/2022	06/10/2022
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2020	11/30/2021	02/22/2022
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	03/03/2023	03/03/2023	06/09/2023
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (EPA	10/12/2016	10/26/2016	02/03/2017
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	04/26/2023	05/02/2023	05/17/2023
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	03/13/2023	03/21/2023	05/30/2023
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	01/06/2023	02/02/2023	02/10/2023
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	07/30/2021	02/03/2023	02/10/2023

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	Delisted NPL	National Priority List Deletions	EPA	04/26/2023	05/02/2023	05/17/2023
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	04/26/2023	05/02/2023	05/17/2023
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	03/19/2023	03/21/2023	05/30/2023
US	DOT OPS	Incident and Accident Data	Department of Transportation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	01/06/2023	02/02/2023	02/10/2023
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	04/06/2023	04/13/2023	04/19/2023
US	DOD	Department of Defense Sites	USGS	06/07/2021	07/13/2021	03/09/2022
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	02/01/2023	02/14/2023	05/02/2023
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	02/02/2023	02/22/2023	05/17/2023
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	04/03/2023	04/04/2023	06/09/2023
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	01/07/2022	02/24/2023	05/17/2023
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	04/26/2023	05/02/2023	05/17/2023
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2021	02/16/2023	05/02/2023
US	TSCA	Toxic Substances Control Act	EPA	12/31/2020	06/14/2022	03/24/2023
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	01/17/2023	01/18/2023	04/19/2023
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	03/20/2023	04/04/2023	06/09/2023
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	03/15/2023	03/21/2023	05/30/2023
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	FINDS	Facility Index System/Facility Registry System	EPA	02/02/2023	02/28/2023	03/24/2023
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	04/27/2022	05/04/2022	05/10/2022
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2021	03/09/2023	03/20/2023
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	ABANDONED MINES	Abandoned Mines	Department of Interior	03/17/2023	03/17/2023	05/30/2023
MO	AIRS	Permit Facility Listing	Department of Natural Resources	03/22/2023	03/22/2023	06/06/2023
MO	ASBESTOS	Asbestos Notification Listing	Department of Natural Resources	01/03/2023	01/04/2023	03/21/2023
MO	CDL	Environmental Emergency Response System	Department of Natural Resources	12/05/2022	12/05/2022	02/24/2023
MO	COAL ASH	Coal Ash Disposal Sites	Department of Natural Resources	01/03/2018	02/01/2018	03/22/2018
MO	DRYCLEANERS	Drycleaners in Missouri Listing	Department of Natural Resources	11/30/2017	12/13/2017	01/18/2018
MO	Financial Assurance 1	Financial Assurance Information Listing	Department of Natural Resources	11/27/2022	12/20/2022	03/15/2023
MO	Financial Assurance 2	Financial Assurance Information Listing	Department of Natural Resources	12/19/2022	02/28/2023	05/17/2023
MO	MINES	Industrial Mineral Mines Database	Department of Natural Resources	04/30/2021	07/14/2021	10/07/2021
MO	NPDES	Permitted Facility Listing	Department of Natural Resources	12/28/2022	01/11/2023	03/30/2023

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
MO	RRC	Certified Hazardous Waste Resource Recovery Facilities	Department of Natural Resources	09/30/2020	10/06/2020	12/28/2020
MO	SMARS	Site Management and Reporting System	Department of Natural Resources	01/01/2023	01/25/2023	04/13/2023
MO	SPILLS	Environmental Response Tracking Database	Department of Natural Resources	12/05/2022	12/05/2022	02/24/2023
MO	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/27/2012	01/03/2013	02/22/2013
MO	UIC	Underground Injection Wells Database	Department of Natural Resources	09/01/2022	02/14/2023	04/28/2023
US	PFAS ATSDR	PFAS Contamination Site Location Listing	Department of Health & Human Services	06/24/2020	03/17/2021	11/08/2022
US	MINES MRDS	Mineral Resources Data System	USGS	08/23/2022	11/22/2022	02/28/2023
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
US	UXO	Unexploded Ordnance Sites	Department of Defense	11/09/2021	10/20/2022	01/10/2023
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	02/13/2023	02/14/2023	04/19/2023
US	PFAS TRIS	List of PFAS Added to the TRI	Environmental Protection Agency	06/07/2023	06/08/2023	06/09/2023
US	PFAS NPL	Superfund Sites with PFAS Detections Information	Environmental Protection Agency	06/07/2023	06/08/2023	06/09/2023
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	03/25/2023	03/31/2023	06/09/2023
US	PFAS FEDERAL SITES	Federal Sites PFAS Information	Environmental Protection Agency	03/30/2023	03/30/2023	04/07/2023
US	PFAS ECHO FIRE TRAINING	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	03/30/2023	03/30/2023	04/03/2023
US	PFAS PART 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing	Environmental Protection Agency	03/30/2023	03/30/2023	04/03/2023
US	PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	03/30/2023	03/30/2023	04/03/2023
US	PFAS TSCA	PFAS Manufacture and Imports Information	Environmental Protection Agency	03/30/2023	03/30/2023	06/09/2023
US	PFAS NPDES	Clean Water Act Discharge Monitoring Information	Environmental Protection Agency	03/30/2023	03/30/2023	04/07/2023
US	PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing	Environmental Protection Agency	03/30/2023	03/30/2023	05/02/2023
US	AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing	Environmental Protection Agency	04/27/2023	04/27/2023	05/02/2023
US	PFAS WQP	Ambient Environmental Sampling for PFAS	Environmental Protection Agency	03/30/2023	03/30/2023	05/02/2023
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	03/26/2023	03/28/2023	05/30/2023
MO	PFAS	PFAS Detections	Department of Natural Resources	01/03/2023	01/25/2023	04/13/2023

HISTORICAL USE RECORDS

US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
MO	RGA HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department of Natural Resources		07/01/2013	01/03/2014
MO	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Natural Resources		07/01/2013	01/15/2014
MO	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Department of Natural Resources		07/01/2013	01/03/2014

STREET AND ADDRESS INFORMATION

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APPENDIX L

Professional Qualifications



Matthew Trammell, Chemical Engineer

Mr. Trammell has over 17 years of experience in the environmental field. His background is in Phase I/II due diligence, project management, solid waste permitting, landfill closure, contamination assessments, remediation, compliance audits, underground storage tanks (UST) management, asbestos, hazardous waste management, water resources permitting, regulatory compliance, stormwater design and permitting.

Selected Project and Management Experience

- Project Manager responsible for redeveloping a former paper mill with a modern bulk commodity port terminal. As part of the project, prepared a closure permit for landfill that included the removal and disposal of approximately 75,000 cubic yards of material as daily cover. Prepared a Federal Dredge and Fill Permit that included the dredging and reuse of 500,000 cubic yards of dredge material as fill on the Site. Coordinate with other engineers and professionals to complete ERP, civil plans, rail design, and wetland survey for the Site. Work with agencies to mitigate impacts to wetlands areas. Total site development activities were in excess of \$150 million dollars.
- Project/Client Manager responsible for obtaining all Federal, State, and local permits for a frac sand facility in Texas with an annual capacity of 4.3 million cubic yards. Permits included air, stormwater, mining, pipeline, septic systems, and driveways. Work with state agencies to conduct threaten and endangered species studies and develop plans to set areas for conservation. Coordinate with other engineers and professionals to complete civil plans, mining plans, and wetland/Endangered species survey for the Site
- Project/Client Manager responsible for conducting due diligence and remediation of a 63,000 acre active oil field in south Texas. The oil field consisted of fourteen individual operations that required soil and groundwater remediation. A total of 30,000 yards of impacted soil and 6,000,000 lbs of steel were removed from the site for disposal and recycling. The work was conducted under Texas Rail Road Commission (RRC) and Texas Commission on Environmental Quality (TCEQ).
- Project/Client Manager responsible for designing and permitting a Texas Rail Road Commission (RRC) landfill in west Texas. Landfill consisted of more than 300 acres and 12 million cubic yards of capacity.
- Project/Client Manager responsible for completing due diligence services on a portfolio in west Texas that included 30,000 acres of undeveloped land and former industrial facility managed under RCRA.
- Project/Client Manager responsible for completing due diligence services on a portfolio of twenty six dealerships located throughout the United States. Worked with the Client and Lenders to quantify potential environmental liabilities for select sites and prepare a schedule to address the concerns.
- Project/Client Manager responsible for the redeveloping a former paint manufacturing facility in Atlanta, GA through the EPD Brownfields Program with a modern industrial facility. Project activities included negotiating with the seller, assessment of soil and groundwater, remediation of soil, and closure under the Brownfields Program.
- Project/Client Manager responsible for the redevelopment of a former GM assembly plant in Atlanta, GA through the EPD Brownfields Program with two car dealerships. Project activities included negotiating with the seller, assessment of soil and groundwater, remediation of soil, and closure under the Brownfields Program.
- Project/Client Manager responsible for the development of a vacant tract with a 300-unit apartment complex. Project included negotiating with the seller, assessment of soil and groundwater, wetlands survey, site design, and civil site plans.



- Project Manager responsible for preparing a PSD and greenhouse gas air permits for a lime kiln in southeast US.
- Project/Client Manager responsible for completing due diligence services on a mix use development in Idaho consists of over one million square feet of retail space. Project activities included coordinating meetings with client and seller, Phase I ESA, subsurface investigations of soil and groundwater, ground penetrating radar survey for buried debris, and geotechnical assessment.
- Project manager responsible for preparing an asbestos assessment and abatement report for two dealership sites in Tampa, Florida. As part of the project, provided oversight for onsite activities, coordinated with the construction company, and communicated with client.
- Project manager responsible for preparing Phase I environmental site assessments (ESAs) for various other auto dealerships throughout the United States. Provided oversight for the removal and dismantling of AST tanks and the preparation of a tank closure report.
- Project manager responsible for assisting with creating and implementing a groundwater model for a former chrome plating operation in Adel, Georgia. Assisted client in preparing an application to the Georgia Voluntary Remediation Program.
- Responsible for the design, pilot testing, and operation of an air sparge groundwater remedial system at an agricultural center in Harris County, Georgia.
- Project Manager responsible for the management of all field activities associated with the removal of 24,000 cubic yards of contaminated soil (lead/arsenic) from a former fertilizer plant in Albany, Georgia.
- Project Manager responsible for creating a soil and groundwater sampling plan at a wood treatment facility in Ricon, Georgia, in compliance with Hazardous Site Response Act regulations. Field manager responsible for the supervision/implementation of all fieldwork-related activities.
- Project manager responsible for coordinating and completing Phase I ESAs and compliance audit at a confidential agricultural operation in South Georgia.

Expertise

- RCRA closure/post closure and Corrective Action
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
- Site assessment and remediation
- Emergency Response
- Technical Committee participation and oversight for Superfund Projects
- Regulatory negotiations
- Acquisitions and due diligence
- Ecological and NEPA Assessments

Education

Georgia Institute of Technology: B.S./2002/Chemical Engineering



PIERCE MILLIGAN
Project Manager

EXPERIENCE

Proposed Role: > 2 years
With TES: > 2 years

FIELDS OF
COMPETENCE

- Project Management
- Contamination assessments
- Acquisitions and due diligence
- Soil and groundwater remediation
- Regulatory negotiations
- Compliance auditing
- Permitting
- Emergency response
- Petroleum storage tank management
- Regulatory compliance

TRAINING

- Occupational Safety & Health Administration – Hazardous Waste Operations & Emergency Response (HAZWOPER) – 40 Hour Certification and Annual 8 Hour Refresher Course (2018)
- Environmental Protection Agency – Method 9 – Certified Observer and Semiannual Recertification Exam (2020)
- Mine Safety & Health Administration – Part 46 – New Miner Training and Annual Refresher Courses (2018)

PROFESSIONAL PROFILE

Mr. Milligan has over 2 years of experience in environmental consulting and project management. He specializes in soil and groundwater remediation for regulator-driven and voluntary clean-up programs. He has extensive experience with state hazardous waste sites, Brownfields, and due diligence assessments. He has a high degree of creativity in developing alternative cost-benefit solutions and a proven ability to team with clients, legal counsel, regulators, and contractors to tackle a wide range of environmental challenges.

SELECTED PROJECT EXPERIENCE

Project Manager responsible for remediation of an active water transfer line that released 575 barrels of produced water in southeast New Mexico. A total of 12,150 yards of impacted soil were removed from the site in hazardous conditions. The work was conducted under the New Mexico Energy, Minerals & Natural Resources Department's Oil Conservation Division (EMNRD OCD) and the New Mexico Environment Department (NMED).

Project Manager responsible for maintaining all Federal, State, and local permits for four frac sand mines in west Texas with an annual capacity of over 7,000,000 cubic yards. Permits include air, stormwater, mining, pipeline, septic systems, and driveways. Work with state agencies to conduct threaten and endangered species studies and develop plans to set areas for conservation. Coordinate with other engineers and professionals to complete civil plans, mining plans, and wetland/Endangered species survey for the facilities.

Project Manager responsible for conducting expedited Phase I due diligence and subsurface investigation services on a portfolio of 19 car dealerships in Dallas/Fort Worth. Worked with the Client and Lenders to quantify potential environmental liabilities for select sites and prepare a schedule to address the concerns in an acquisition valued at 1.2 billion dollars.

Project Manager responsible for conducting due diligence, remediation, and demolition of a 63,000-acre active oil field in south Texas. The oil field consisted of fourteen individual Operator Cleanup Program (OCP) sites that required soil and groundwater remediation. A total of 30,000 cubic yards of impacted soil and 6,000,000 pounds of steel were removed from the site for disposal and recycling. The work was conducted under the Railroad Commission (RRC) and Texas Commission on Environmental Quality (TCEQ).